

Systems

IBM System/370 and 4300 Processors Bibliography

For use by those who plan for, install, program, or operate an IBM System/370 or 4300 Processor, this bibliography describes technical publications which document:

- Machine components,
- System Control Programming (SCP),
- DB/DC and system support licensed programs,
- Other supplementary information (e.g., forms, PTF listings).

Features, and kinds of information included, are:

- Titles and *abstracts*, with page counts,
- Clustering* and sequencing of items by title,
- Second list in *order-number sequence*, with *subject codes* explained and indexed,
- Specific page lookup by *program acronym*,
- Latest edition of the publications listed, with TNLs,
- SLSS publication profiles* used in distribution, with an explanation of these profiles,
- Details on order numbers, including *pseudonumbers*.

For System/370 and 4300 Processors publications on industry systems and licensed *application* programs, refer to GC20-0370.



Fourth Edition (October 1979)

This is a major revision of, and supersedes, GC20-0001-2 and its Technical Newsletter.

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Preface

The IBM publications listed and described in this bibliography are those necessary in

- *Planning for*
- *Programming*
- *Installing*
- and *Operating*

a System/370 or the IBM 4300 Processors.

Organization

In Part 1, the publications are clustered by subject and sorted by title keywords.

Part 2 chiefly contains abstracts describing the items listed in Part 1.

Part 3 lists, in order-number sequence, all items sorted by subject and keyword in Part 1.

Note: *Order numbers sequence by second character. The first character (G, S, or L) is the use key. (See "Availability.")*

The three parts are described in more detail further on.

Subject Identification and Filing

The file number (e.g., S370-36) appearing on many publications listed in this bibliography identifies the system in the prefix (S370) and the subject code in the suffix (36, i.e., control program). An intermediate category, such as VSE or MVS, may also appear.

Subject Code

The *subject code* is simply a two-digit number standing for a subject, e.g. 29 for PL/I or 15 for physical planning manuals and templates. (Part 1 starts with a generalized index of subject codes and their definitions. Codes 60 – 83 apply mainly to the associated bibliography, GC20-0370.)

File numbers are printed on publications as an aid in filing manuals in your office library by system and category. Codes 00 through 40 are also used in subscribing to SLSS (System Library Subscription Service).

Part 1

In Part 1, the subject-code listing, each publication has only one code. Items within the cluster for each code are put in sequence. Sequencing for manuals is alphameric, by the most apparent single *keyword* in each title—such as *3890* for the IBM 3890 Document Processor physical planning template, or *I/O* for the OS/VS2 I/O supervisor logic manual. Sequencing for microfiche program listings is by order number.

Part 1 gives the eight-position order number of each publication. Listings such as those for VS1 and MVS show manuals supporting back releases

(identified by T or Q order numbers) under the *current* edition which supports the latest release. The title of each back edition identifies the earlier release(s) it supports, and includes the order number actually printed on that back edition. For details on T and Q numbers, see "Pseudonumbers."

The alphameric sorting of titles is done with single keywords. In a list of manuals all concerning virtual storage, words such as virtual, or variations such as V or VS (and other non-specific terms), are not considered useful in sorting; thus, VSAM items appear at the beginning of subject code 30 under *Access Methods* (A's), whereas BTAM, QTAM, TCAM and VTAM appear (in that order) under the specific keyword *Telecommunications* (T's).

When one publication applies to more than one type of SCP (system control programming), it is repeated in each applicable listing.

Acronym Index

Publications whose titles contain commonly used program acronyms such as COBOL, CICS, or JCL can be most easily retrieved. "An Index for Some Common Program Acronyms" (beneath the table of contents on page v) refers you directly to the starting page for such titles.

Part 2

An abstract in Part 2 provides you with a description which ordinarily adds much to the indications of the title. Abstracts are listed in order-number sequence. (See note at left.)

SLSS Profiles

Part 2 also gives you, beneath the abstract, the number of pages and the publication profile used for distributing key items under SLSS. The profile is shown in the format of six fields separated by slashes: Major system or processor No./C/SC/Prog. support/Machine components/Prog. No. or SUID

These fields correspond to the six sections B/C/D/E1/F/E2 on the SLSS subscription form. (See *Entering an SLSS Subscription*, G320-1561.)

The "C" field is used to restrict the distribution of communications items, but only when this would not be redundant or a hindrance to proper distribution: that is, not when the publication matches a licensed program number specified by the subscriber, and not when the machine components indicated are for operation *only* in the communications mode. In cases where there's no other profile indication that a manual is purely of communications interest, the C field is used to so indicate.



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 03 Printers, Control Units
 04 OCR, MCR (Optical/Magnetic Character Readers), Control Units
 05 Magnetic Tape Units, Control Units
 06 Display Equipment (see also 09)
 07 DASD (Direct Access Storage Devices), Control Units
 08 Other Devices, Control Units
 09 Communications Devices, Control Units
 10 Auxiliary Equipment (devices normally off-line)
 13 Special Features Information
 14 Custom Features & Supporting Programs (PSHRPQ)
 15 Physical Planning Information
 20 Programming Systems - General Information
 21 Assembler
 22 APL
 23 BASIC
 24 COBOL
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 26 ALGOL
 28 RPG
 29 PL/I
 30 Access Methods, Data Management, Storage/ Communications (I/O) Control Programs
 31 Support Programs (e.g., Link Edit, Loader)
 32 Utilities
 33 Sort/Merge
 34 System Planning, Generation, SMF; Storage Estimates, Performance Enhancement, Release Guides
 35 Emulation, Simulation (catalogued by host system)
 36 Control Program (e.g., Supervisor, JCL, IPL, Job Management, Data Areas, Checkpoint/Restart)
 37 Testing, Problem Determination, Auditing, Service Aids
 38 Remote Job Entry (RJE, CRJE, RAX, ...)
 39 Time Sharing, Interactive Facilities
 40 Programming System Operation (e.g., messages, codes)
 50 DB/DC (CICS, IMS, ACF, GIS, DL/I, ...)
 60 Industries - General
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 62 Consultants
 63 Distribution (e.g., apparel, food, agribusiness, hotels)
 64 Education, Libraries
 65 Engineering
 67 Finance, Securities, Real Estate
 69 Government, Federal
 70 Government, State and Local
 71 Insurance
 72 Manufacturing
 73 Media
 74 Health
 75 Process (e.g., forest products, petroleum, paint, textiles)
 76 Public Utilities
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GA33-1507	S/370 MODEL 125 CONFIGURATOR
GA33-3014	S/370 MODEL 135 CONFIGURATOR
GA22-6957	S/370 MODEL 158 CONFIGURATOR
GA22-7013	S/370 MODEL 158 CONFIGURATOR
GA22-6956	S/370 MODEL 165 CONFIGURATOR
GA22-7014	S/370 MODEL 168 CONFIGURATOR
GA22-6944	S/360 & S/370 MODEL 195 CONFIGURATOR
**GA22-7002	S/370 INPUT/OUT CONFIGURATOR
GA24-3045	1030 CONFIGURATOR
GA21-9001	1060 CONFIGURATOR
GA27-3021	2790 CONFIGURATOR
GA22-7071	3031 PROCESSOR COMPLEX CONFIGURATION CHART
GA22-7062	3032 PROCESSOR COMPLEX CONFIGURATOR
**GA22-7065	3033 PROCESSOR COMPLEX & 3033 MULTIPROCESSOR COMPLEX CONFIGURATOR
GA33-1513	3115 PROCESSING UNIT INTEGRATED COMMUNICATIONS ADAPTER, CONFIGURATOR
GA33-1508	3125 PROCESSING UNIT INTEGRATED COMMUNICATIONS ADAPTER, CONFIGURATOR
**GA27-2849	3270 INFORMATION DISPLAY SYSTEM, CONFIGURATOR
GA33-1523	4300 PROCESSORS SUMMARY AND INPUT/OUTPUT AND DATA COMMUNICATIONS CONFIGURATOR
GC20-0370	SYSTEM/370 AND 4300 PROCESSORS BIBLIOGRAPHY OF INDUSTRY SYSTEMS AND APPLICATION PROGRAMS
GC20-0360	IBM SYSTEM/360 BIBLIOGRAPHY
GF20-8172	SYSTEMS MANAGEMENT BIBLIOGRAPHY

01 Machine System

**GA22-7000	← S/370 PRINCIPLES OF OPERATION
GX20-1850	← S/370 REFERENCE SUMMARY CARD
**GA22-7079	← SYSTEM/370 ASSISTS FOR MVS
GX26-1587	← DECIMAL/HEXADECIMAL INTEGER CONVERSION CHART
GX26-1588	← DECIMAL/HEXADECIMAL FRACTION CONVERSION CHART
GX20-1787	← DEBUGGING AID DIRECT EVALUATION OF FLOATING POINT NUMBERS IN HEXADECIMAL
**GA22-7072	← S/370 EXTENDED FACILITY & ECPS: MVS
GA27-2772	← A UPS INSTALLATION PLANNING GUIDE
GA22-7074	← VIRTUAL MACHINE ASSIST & SHADOW-TABLE BYPASS ASSIST
GA27-2771	← A GUIDE TO 50 HERTZ UPS SELECTION
GA27-2770	← A GUIDE TO 60 HERTZ UPS SELECTION
GA33-1510	S/370 MODEL 115 FUNCTIONAL CHARACTERISTICS
GA33-1514	OPERATOR'S LIBRARY SYSTEM/370 MODEL 115 PROCEDURES
GA33-1516	S/370 MODEL 115 CHANNEL CHARACTERISTICS
GA33-1520	S/370 MODEL 115 CHANNEL CHARACTERISTICS FOR SYSTEMS WITH 3115-2 PROCESSING UNIT
GA33-1506	S/370 MODEL 125 FUNCTIONAL CHARACTERISTICS
GA33-1509	OPERATOR'S LIBRARY: SYSTEM/370 MODEL 125 PROCEDURES
GA33-1512	S/370 MODEL 125 CHANNEL CHARACTERISTICS
GA33-3005	S/370 MODEL 135 FUNCTIONAL CHARACTERISTICS
GA33-3010	S/370 MODEL 135 CHANNEL CHARACTERISTICS
GC20-1738	GUIDE TO S/370 MODEL 135
GC38-0005	OPERATOR'S LIBRARY, S/370 MODEL 135 PROCEDURES
GA24-3632	S/370 MODEL 138 FUNCTIONAL CHARACTERISTICS
GA24-3633	S/370 MODEL 138 CHANNEL CHARACTERISTICS
GC20-1785	GUIDE TO S/370 MODEL 138
GC38-0016	S/370 MODEL 138 OPERATING PROCEDURES
GA24-3557	S/370 MODEL 145 FUNCTIONAL CHARACTERISTICS
GA24-3573	S/370 MODEL 145 CHANNEL CHARACTERISTICS
**GC20-1734	← GUIDE TO S/370 MODEL 145
GC38-0015	S/370 MODEL 145 OPERATING PROCEDURES
GA24-3634	S/370 MODEL 148 FUNCTIONAL CHARACTERISTICS
GA24-3635	S/370 MODEL 148 CHANNEL CHARACTERISTICS
GC20-1784	GUIDE TO S/370 MODEL 148
GC38-0017	S/370 MODEL 148 OPERATING PROCEDURES
GA22-6942	S/370 MODEL 155 FUNCTIONAL CHARACTERISTICS
GA22-6962	S/370 MODEL 155 CHANNEL CHARACTERISTICS
GA22-6966	S/370 MODEL 155 OPERATING PROCEDURES
GC20-1729	GUIDE TO S/370 MODEL 155
GA22-7011	S/370 MODEL 158 FUNCTIONAL CHARACTERISTICS
GA22-7012	S/370 MODEL 158 CHANNEL CHARACTERISTICS
GA22-7056	S/370 MODEL 158 HIERARCHICAL MONITORING SYSTEM, FEATURE DESCRIPTION
GC20-1754	GUIDE TO S/370 MODEL 158 FOR S/370 MODEL 155 USERS
GC20-1781	GUIDE TO S/370 MODEL 158 FOR S/360 USERS
GC38-0025	S/370 MODEL 158 OPERATING PROCEDURES
GA22-6935	S/370 MODEL 158 FUNCTIONAL CHARACTERISTICS
GA22-6969	S/370 MODEL 165 OPERATING PROCEDURES
GC20-1730	GUIDE TO S/370 MODEL 165
GX22-6984	S/370 MODEL 165, OPERATOR'S REFERENCE CARD
GA22-7010	S/370 MODEL 168 FUNCTIONAL CHARACTERISTICS
GC20-1755	GUIDE TO S/370 MODEL 168 FOR S/370 MODEL 165 USERS
GC20-1787	GUIDE TO S/370 MODEL 168 FOR S/360 USERS

GC38-0030	S/370 MODEL 168 OPERATING PROCEDURES
GA22-6943	S/360 & S/370 MODEL 195 FUNCTIONAL CHARACTERISTICS
GA22-6954	S/360 & S/370 MODEL 195 OPERATING PROCEDURES
GA22-6877	SYSTEM/360 COMPONENT DESCRIPTIONS & OPERATING PROCEDURES IEM 1052
GA22-7066	PRINTER-KEYBOARD MODEL 7 WITH IBM 2150 CONSOLE 3031 PROCESSOR COMPLEX AND 3031 ATTACHED PROCESSOR COMPLEX FUNCTIONAL CHARACTERISTICS
GC20-1854	A GUIDE TO THE IBM 3031 PROCESSOR COMPLEX AND ATTACHED PROCESSOR COMPLEX OF SYSTEM/370
GC38-0033	3031 PROCESSOR COMPLEX OPERATOR'S GUIDE
GA22-7061	3032 PROCESSOR COMPLEX FUNCTIONAL CHARACTERISTICS
GC20-1858	A GUIDE TO THE IBM 3032 PROCESSOR COMPLEX OF SYSTEM/370
GC38-0032	3032 PROCESSOR COMPLEX OPERATOR'S GUIDE
**GA22-7060	3033 PROCESSOR COMPLEX & 3033 MULTIPROCESSOR COMPLEX FUNCTIONAL CHARACTERISTICS
**GC20-1859	A GUIDE TO THE IBM 3033 PROCESSOR COMPLEX, ATTACHED PROCESSOR COMPLEX, AND MULTIPROCESSOR COMPLEX OF SYSTEM/370
GC38-0031	3033 PROCESSOR COMPLEX OPERATOR'S GUIDE
GA24-3552	3210 CONSOLE PRINTER-KEYBOARD COMPONENT DESCRIPTION
GA24-3550	3215 CONSOLE PRINTER-KEYBOARD COMPONENT DESCRIPTION
**GA23-0020	3278 MODEL 2A DISPLAY CONSOLE PROBLEM DETERMINATION GUIDE
**GA22-7070	4300 PROCESSORS PRINCIPLES OF OPERATION FOR ECPS:VSE MODE
GA33-1525	4331 OPERATING PROCEDURES & PROBLEM DETERMINATION GUIDE
GA33-1526	4331 FUNCTIONAL CHARACTERISTICS
GA33-1527	4331 PROCESSOR, CHANNEL CHARACTERISTICS
**GA33-1536	4331 PROCESSOR DISPLAY PRINTER ADAPTER COMPONENT DESCRIPTION
**GC20-1878	A GUIDE TO THE 4331 PROCESSOR
**GA24-3669	4341 PROCESSOR OPERATOR'S GUIDE
**GA24-3671	4341 PROCESSOR CHANNEL CHARACTERISTICS
**GA24-3672	4341 PROCESSOR FUNCTIONAL CHARACTERISTICS AND PROCESSOR COMPLEX CONFIGURATOR
**GA24-3763	4341 PROCESSOR MODEL GROUP 2 FUNCTIONAL CHARACTERISTICS AND PROCESSOR COMPLEX CONFIGURATOR
**GA24-3780	4341 PROCESSOR MODEL GROUP 2 CHANNEL CHARACTERISTICS
**GA33-1535	4331 PROCESSOR MODEL GROUP 2 CHANNEL CHARACTERISTIC
GC20-1877	A GUIDE TO THE 4331 PROCESSOR

02 Card Readers and/or Punches, Control Units

GA21-9025	1442-N1 & N2 COMPONENT DESCRIPTION & OPERATING PROCEDURES
GA21-9026	2501 MODELS B1 & B2 COMPONENT DESCRIPTION & OPERATING PROCEDURES
GA21-9027	2520-B1, B2 & B3 COMPONENT DESCRIPTION & OPERATING PROCEDURES
GA21-9033	S/360 COMPONENT DESCRIPTION & OPERATING PROCEDURES, 2540 CARD READ PUNCH
GA26-5893	IBM 2560 MULTI-FUNCTION CARD MACHINE: COMPONENT DESCRIPTION AND OPERATING PROCEDURES
GA21-9144	2596 CARD READ PUNCH PROGRAMMER'S REFERENCE MANUAL AND OPERATOR'S GUIDE
GA21-9124	3504 AND 3505 CARD READER, 3525 CARD PUNCH SUBSYSTEM
GA21-9167	5424 AND 5425 MULTIFUNCTION CARD UNITS OPERATOR'S GUIDE AND PROGRAMMER'S REFERENCE MANUAL

03 Printers, Control Units

**GA24-3488	FORM DESIGN REFERENCE GUIDE FOR PRINTERS
GA24-3073	1403 PRINTER COMPONENT DESCRIPTION
GA24-3120	IBM 1443 PRINTER MODELS 1 THROUGH 4 AND N1, AND 1445 PRINTER MODELS 1 AND N1: COMPONENT DESCRIPTION
GA24-3312	2821 CONTROL UNIT COMPONENT DESCRIPTION
GA18-2065	3102 PRINTER DESCRIPTION
GA33-1515	3203 PRINTER COMPONENT DESCRIPTION & OPERATOR'S GUIDE
GA33-1519	3203 PRINTER REFERENCE SUMMARY FOR OPERATORS
GA33-1521	3203 MODEL 3 PRINTER REFERENCE SUMMARY FOR OPERATIONS
GA33-1529	3203 PRINTER MODEL 5 COMPONENT DESCRIPTION AND OPERATOR'S GUIDE
GA33-1531	3203 PRINTER MODEL 5 REFERENCE SUMMARY FOR OPERATORS
GA24-3543	IBM 3211 PRINTER 3216 INTERCHANGEABLE TRAIN CARTRIDGE AND 3811 PRINTER CONTROL UNIT COMPONENT DESCRIPTION AND OPERATOR'S GUIDE
**GA24-3733	3262 PRINTER MODELS 1 AND 11 COMPONENT DESCRIPTION
**GA24-3735	3262 PRINTER MODELS 1 AND 11 OPERATOR'S GUIDE
GA24-3741	3262 PRINTER MODELS 3 AND 13 COMPONENT DESCRIPTION
GA24-3750	OPERATOR INSTRUCTIONS AND STATUS CODES 3262 PRINTER MODELS 1 AND 11
GA27-3150	3287 PRINTER OPERATOR GUIDE
GA27-3151	3287 PRINTER MODELS 1 & 2 PROBLEM DETERMINATION GUIDE
GA27-3153	3287 PRINTER COMPONENT DESCRIPTION
GA27-3229	3287 PRINTER MODELS 1C & 2C COMPONENT DESCRIPTION
GA27-3230	3287 PRINTER MODELS 1C & 2C OPERATOR'S GUIDE
GA27-3231	3287 PRINTER MODELS 1C & 2C PROBLEM DETERMINATION GUIDE
GX27-2923	3287 PRINTER OPERATOR'S TROUBLE REPORT
GA27-3141	3289 MOD 1, 2 ERROR RECOVERY AND PROBLEM DETERMINATION GUIDE
GA27-3147	3289 LINE PRINTER MODELS 1 & 2 OPERATOR'S INSTRUCTIONS
GA27-3148	3289 LINE PRINTER MODELS 1 & 2 OPERATOR'S REFERENCE SUMMARY
GA27-3159	3289 LINE PRINTER MODEL 4 OPERATOR GUIDE
GA27-3160	3289 LINE PRINTER MODEL 4 ERROR RECOVERY AND PROBLEM DETERMINATION GUIDE
GA27-3162	3289 LINE PRINTER MODEL 4 OPERATOR'S REFERENCE SUMMARY
GA27-3176	3289 LINE PRINTER MODELS 1 & 2 COMPONENT DESCRIPTION
GA27-3177	3289 LINE PRINTER MODEL 4 COMPONENT DESCRIPTION
GA26-1633	FORMS DESIGN REFERENCE GUIDE FOR THE IBM 3800 PRINTING SUBSYSTEM.

GA26-1634	3800 PRINTING SUBSYSTEM OPERATOR'S GUIDE
GA26-1635	REFERENCE MANUAL FOR THE IBM 3800 PRINTING SUBSYSTEM
GA26-1646	3800 PRINTING SUBSYSTEM REFERENCE: OCR DOCUMENT PREPARATION
GA26-1656	3800 PRINTING SUBSYSTEM CHARACTER SET CATALOG
GC20-1775	CONCEPTS OF THE IBM 3800 PRINTING SUBSYSTEM
GC26-3829	INTRODUCING THE IBM 3800 PRINTING SUBSYSTEM AND ITS PROGRAMMING
**GX35-5014	3800 PRINTING SUBSYSTEM AND TAPE-TO-PRINTING SUBSYSTEM FEATURE REFERENCE SUMMARY
**GA33-3071	3270 INFORMATION DISPLAY SYSTEM 7436 PRINTER MODEL 1 OPERATORS GUIDE
**GA33-3072	7436 PRINTER MODEL COMPONENT DESCRIPTION
**GA33-3073	7436 PRINTER MODEL 1 PROBLEM DETERMINATION GUIDE
**GA33-3074	7436 PRINTER MODEL 1 SITE PLANNING, PHYSICAL PLANNING, AND CONFIGURATOR GUIDE

04 Optical or Magnetic Character Readers (OCR, MCR), Control Units

GA24-1499	1219 READER SORTER, 1419 MAGNETIC CHARACTER READER
GA24-3542	1255 MAGNETIC CHARACTER READER MODELS 1, 2 & 3 COMPONENT DESCRIPTION
GA24-3500	1259 MAGNETIC CHARACTER READER, COMPONENT DESCRIPTION
GA19-0036	PAPER AND PRINT QUALITY REQUIREMENTS FOR IBM 1270 AND 1275 OPTICAL READER SORTERS
GA19-0034	1275 OPTICAL READER SORTER FOR SYSTEM/360 & SYSTEM/370
GA19-0050	S/360 & S/370 COMPONENT DESCRIPTION & OPERATING PROCEDURES: 1287 OPTICAL READER MODEL 5
GA21-9064	S/360 COMPONENT DESCRIPTION & OPERATING PROCEDURES, 1287 OPTICAL READER
GA21-9139	1287 OPTICAL READER MODEL 5 GENERAL INFORMATION
GA21-9150	S/360 & S/370 COMPONENT DESCRIPTION & OPERATING PROCEDURES: 1287 OPTICAL READER MODEL 5
GX20-1759	1287 OPTICAL READER DESIGN FORMAT
GA19-0049	S/360 & S/370 COMPONENT DESCRIPTION & OPERATING PROCEDURES: 1288 OPTICAL PAGE READER MODEL 1
GA21-9081	S/360 COMPONENT DESCRIPTION, 1288 OPTICAL PAGE READER MODEL 1
GX21-9106	1288 DOCUMENT GAUGE FOR MACHINE SETUP
GC20-1686	OCR INPUT PREPARATION GUIDE FOR THE IBM 1287/1288 OPTICAL CHARACTER READERS
GC20-1733	1287/1288 OCR ERROR RECOVERY GUIDE
GC20-1739	HANDPRINTING CONSIDERATIONS FOR THE IBM 1287/1288 OPTICAL CHARACTER READERS
**GC31-2004	3694 DOCUMENT PROCESSOR OPERATING PROCEDURES, VOLUME 1: BASIC OPERATIONS
GA21-9143	3881 OPTICAL MARK READER MODELS 1 & 2 REFERENCE MANUAL AND OPERATOR'S GUIDE
GC20-1750	3881 OPTICAL MARK READER FORMS KIT
GC20-1751	3881 OPTICAL MARK READER SYSTEMS DESIGN GUIDE
GA21-9147	3886 OPTICAL CHARACTER READER MODEL 1 REFERENCE MANUAL
GA21-9148	3886 OPTICAL CHARACTER READER INPUT DOCUMENT DESIGN GUIDE AND SPECIFICATIONS
GA21-9154	3886 OPTICAL CHARACTER READER MODEL 2 COMPONENT REFERENCE MANUAL
GC20-1760	3886 OPTICAL CHARACTER READER FORMS KIT
GA24-3612	3890 DOCUMENT PROCESSOR MACHINE & PROGRAMMING DESCRIPTION
GA24-3619	3890 DOCUMENT PROCESSOR OPERATOR'S GUIDE
GA24-3656	3890 DOCUMENT PROCESSOR MODELS C & D OPERATOR'S GUIDE
GX20-1972	3890 DOCUMENT PROCESSOR REFERENCE SUMMARY
GA24-3620	3895 DOCUMENT READER/INSCRIBER - MACHINE & PROGRAMMING DESCRIPTION
GA24-3640	3895 DOCUMENT READER/INSCRIBER - INPUT DOCUMENT DESIGN GUIDELINES
GA24-3664	3895 DOCUMENT READER/INSCRIBER OPERATOR'S GUIDE
GE20-0599	3895 DEPOSIT PROCESSING SYSTEM INPUT CONTROL PROCEDURES
GE20-0633	3895 DEPOSIT PROCESSING SYSTEM WORK STATION PROCEDURES
SX24-3646	3895 FIELD COORDINATE GAUGE
**GA24-3638	3896 TAPE-DOCUMENT CONVERTER MACHINE DESCRIPTION AND KEY OPERATOR'S GUIDE
GA24-3686	3896 TAPE-DOCUMENT CONVERTER COPY QUALITY GUIDE
SX24-3690	3896 TAPE DOCUMENT CONVERTER TAPE COPY TICKET SAMPLES

05 Magnetic Tape Units, Control Units

GA32-0006	TAPE REQUIREMENTS FOR IBM ONE-HALF INCH TAPE UNITS AT: 556, 800, 1600 and 6250 BPI
GA22-6866	SYSTEM/360 COMPONENT DESCRIPTIONS: 2400-SERIES MAGNETIC TAPE UNITS, 2803/2804 TAPE CONTROLS, AND 2816 SWITCHING UNIT MODEL 1
GX22-6837	2401 - 2404 AND 2415 MAGNETIC TAPE UNITS
GA32-0007	COMPONENT DESCRIPTION IBM 2420 MODEL 5 MAGNETIC TAPE UNIT
GA27-2726	S/360 COMPONENT DESCRIPTION, 2495 TAPE CARTRIDGE READER
G232-0004	3410/3411 OPERATOR'S GUIDE
GA32-0022	3410/3411 MAGNETIC TAPE SUBSYSTEM COMPONENT DESCRIPTION MANUAL
S232-0003	3420 OPERATOR'S GUIDE
GA26-1647	3803-3/3420-3, 5 MAGNETIC TAPE SUBSYSTEM
GA32-0020	3803/3420 MAGNETIC TAPE SUBSYSTEMS
GA32-0021	3803-2/3420 MAGNETIC TAPE SUBSYSTEMS SUBSYSTEM DESCRIPTION
**GA26-1659	8809 MAGNETIC TAPE UNIT INTRODUCTION
**G232-0005	8809 MAGNETIC TAPE UNIT OPERATOR'S GUIDE

06 Display Equipment

NOTE: Other display equipment, used primarily in a communications environment, is listed under subject code 09.

GA27-2701	S/360 COMPONENT DESCRIPTION, 2250 DISPLAY UNIT MODEL 1
GA27-2702	S/360 COMPONENT DESCRIPTION, 2250 DISPLAY UNIT MODEL 2, 2840 DISPLAY CONTROL MODEL 1
GA27-2721	S/360 COMPONENT DESCRIPTION, 2250 DISPLAY UNIT MODEL 3, 2840 DISPLAY CONTROL

MODEL 2

GA27-2700 S/360 COMPONENT DESCRIPTION, 2260 DISPLAY STATION, 2848 DISPLAY CONTROL
 GA33-3035 AN INTRODUCTION TO THE IBM 3250 GRAPHICS DISPLAY SYSTEM
 **GA33-3037 3250 GRAPHICS DISPLAY SYSTEM COMPONENT DESCRIPTION
 GA33-3038 3250 GRAPHICS DISPLAY SYSTEM PROBLEM DETERMINATION GUIDE

07 Direct Access Storage Devices (DASD), Control Units

GA26-3633 DATA CELL HANDLING GUIDE
 GA26-5756 IBM DISK PACK AND CARTRIDGE HANDLING PROCEDURES
 GA26-1665 DISK STORAGE TECHNOLOGY
 GA26-1620 REFERENCE MANUAL FOR IBM INTEGRATED STORAGE CONTROL
 GA22-6895 S/360 COMPONENT DESCRIPTION, 2820 STORAGE CONTROL AND 2301 DRUM STORAGE
 GA26-3599 IBM SYSTEM/360 COMPONENT DESCRIPTIONS - 2314 DIRECT ACCESS STORAGE FACILITY AND
 2844 AUXILIARY STORAGE CONTROL
 GX20-1710 IBM 2314 DIRECT ACCESS STORAGE FACILITY CAPACITY AND TRANSMISSION TIME
 REFERENCE CARD
 GA26-1606 2319 DISK STORAGE - A-SERIES, COMPONENT DESCRIPTION
 GA26-1589 COMPONENT SUMMARY 2835 STORAGE CONTROL 2305 FIXED HEAD STORAGE
 GA26-5988 S/360 COMPONENT DESCRIPTION, 2841 ASSOCIATED DASD
 GA26-1660 3310 DIRECT ACCESS STORAGE REFERENCE MANUAL
 GA26-1615 INTRODUCTION IBM 3330 A-SERIES DISK STORAGE - SYSTEM LIBRARY
 GA26-1630 3330 SERIES DISK STORAGE MODEL 1-11, CUSTOMER CONVERSION GUIDE
 GX20-1920 3330 SERIES DISK STORAGE, 3333 MODELS 1 & 11, 3330 MODELS 1, 2 & 11 REFERENCE
 SUMMARY
 GA26-1619 3340 COMPONENT SUMMARY
 GX20-1979 3340 MODELS A2, B1, B2, 3344 MODELS B2, B2F DIRECT STORAGE ACCESS REFERENCE
 SUMMARY
 GA26-1625 3348 DATA MODULE HANDLING PROCEDURES
 GA26-1638 3350 DIRECT ACCESS STORAGE REFERENCE MANUAL
 GX20-1983 3350 DIRECT ACCESS STORAGE, MOD A2, A2F, B2, B2F, C2, C2F
 GC19-5021 WORLD TRADE ADDENDUM TO 3350/3344 INSTALLATION AND CONVERSION GUIDE (GC20-1780)
 GC20-1780 3350 3344 INSTALLATION AND CONVERSION GUIDE
 GA26-1657 3370 DIRECT ACCESS STORAGE DESCRIPTION
 GA26-1666 INTRODUCTION TO IBM 3375 DIRECT ACCESS STORAGE
 **GA26-1664 3380 DISK STORAGE DESCRIPTION AND USER'S GUIDE
 GA26-1592 REFERENCE MANUAL FOR IBM 3830 STORAGE CONTROL AND IBM 3330 DISK STORAGE
 GA26-1617 REFERENCE MANUAL FOR IBM 3830 STORAGE CONTROL MODEL 2
 GA32-0031 3850 DATA CARTRIDGE CARE AND HANDLING INSTRUCTIONS
 GA32-0035 3850 MASS STORAGE SYSTEM MSS OP
 GA32-0036 3850 MASS STORAGE SYSTEM (MSS) PRINCIPLES OF OPERATION
 **GA32-0037 3850 MASS STORAGE SYSTEM (MSS) SENSE INFORMATION
 GA32-0038 3850 MASS STORAGE SYSTEM (MSS) INTRODUCTION AND PREINSTALLATION PLANNING
 SY32-5043 MASS STORAGE FACILITY THEORY OF OPERATIONS: MASS STORAGE CONTROL
 GA26-1661 3880 STORAGE CONTROL DESCRIPTION
 **GA33-1539 4331 PROCESSOR DASD ADAPTER FOR: 3370 DIRECT ACCESS STORAGE REFERENCE MANUAL

08 Other Devices, Control Units

GA21-9182 THE IBM DISKETTE: GENERAL INFORMATION MANUAL
 GA24-3388 IBM 2671 PAPER TAPE READER, IBM 2822 PAPER TAPE READER CONTROL - COMPONENT
 DESCRIPTION
 GA21-9197 3540 DISKETTE INPUT/OUTPUT OPERATOR'S GUIDE & PROGRAMMER'S REFERENCE MANUAL
 GC31-2011 3647 TIME AND ATTENDANCE TERMINAL COMPONENT DESCRIPTION AND OPERATING GUIDE
 GX34-0022 3715 OPERATOR'S REFERENCE SUMMARY
 GA21-9152 3740 DATA ENTRY SYSTEM, SYSTEM SUMMARY & INSTALLATION PLANNING
 GA21-9131 3741 DATA STATION OPERATOR'S GUIDE
 GA21-9183 3741 DATA STATION REFERENCE MANUAL
 GA21-9194 IBM 3741 MODELS 3 AND 4 PROGRAMMABLE WORK STATION PROGRAMMING REFERENCE MANUAL
 GA21-9196 3741 MODELS 3 & 4 PROGRAMMABLE WORK STATION, GENERAL INFORMATION
 GX21-9204 3741 PROGRAMMABLE WORK STATION MODELS 3-4 REFERENCE CARD
 GX21-9172 3741/3742 REFERENCE CARD
 GA21-9136 3742 DUAL DATA STATION OPERATOR'S GUIDE
 GA21-9184 3742 DUAL DATA STATION REFERENCE MANUAL
 GA21-9170 3747 DATA CONVERTER REFERENCE MANUAL & OPERATOR'S GUIDE
 GX21-9171 3747 DATA CONVERTER REFERENCE CARD
 GA22-7075 3814 SWITCHING MANAGEMENT SYSTEM PRODUCT DESCRIPTION
 **GA22-7078 3814 SWITCHING MANAGEMENT SYSTEM OPERATOR'S GUIDE
 GA24-3639 3838 ARRAY PROCESSOR FUNCTIONAL CHARACTERISTICS
 GA24-3716 3838 ARRAY PROCESSOR RESERVOIR MODELING FUNCTIONAL CHARACTERISTICS &
 PROGRAMMING GUIDE
 **GA22-7073 3848 CRYPTOGRAPHIC UNIT PRODUCT DESCRIPTION AND OPERATING PROCEDURES

09 Communications Devices, Control Units

NOTE: Some of the equipment below may be used for either remote or local communications.

GA27-3099 ADVANCED FUNCTION FOR COMMUNICATIONS: SYSTEM SUMMARY
 GA27-3004 GENERAL INFORMATION - BINARY SYNCHRONOUS COMMUNICATIONS
 **GA27-3185 DATA COMMUNICATION DEVICE SUMMARY
 **G320-6102 HUMAN FACTORS OF WORKSTATIONS WITH DISPLAY TERMINALS
 GA24-3663 MAGNETIC HAND SCANNER - MAGNETIC SLOT READER REPLACEMENT PROCEDURES
 GA27-3093 SYNCHRONOUS DATA LINK CONTROL GENERAL INFORMATION
 GA27-3116 IBM SYSTEMS NETWORK ARCHITECTURE INTRODUCTION

**GA27-3136 IBM SYSTEMS NETWORK ARCHITECTURE REFERENCE SUMMARY
**SC30-3112 IBM SYSTEMS NETWORK ARCHITECTURE FORMAT AND PROTOCOL REFERENCE MANUAL:
ARCHITECTURE LOGIC
GA21-9028 357/1030/2790 BADGE SPECIFICATIONS
GA24-1029 1001 DATA TRANSMISSION SYSTEM
GA24-3018 1030 DATA COLLECTION SYSTEM
GA21-9041 1035 COMPONENT DESCRIPTION & OPERATING PROCEDURES
GA24-3020 1050 REFERENCE DIGEST
GA24-3125 1050 OPERATOR'S GUIDE
GA24-3471 1050 SYSTEM SUMMARY
GA24-3474 1050 DATA COMMUNICATION SYSTEM PRINCIPLES OF OPERATION
GA24-3034 1060 DATA COMMUNICATION SYSTEM
GA24-3266 1092 AND 1093 PROGRAMMED KEYBOARDS
GA22-6864 2701 DATA ADAPTER UNIT COMPONENT DESCRIPTION
GA22-6864 IBM SYSTEM/360 COMPONENT DESCRIPTION IBM 2702 TRANSMISSION CONTROL
GA27-2703 2703 TRANSMISSION CONTROL COMPONENT DESCRIPTION
GA27-2704 S/360 COMPONENT DESCRIPTION, 2711 LINE ADAPTER UNIT
GA24-3426 2712 REMOTE MULTIPLEXOR
GA27-3029 2721 PORTABLE AUDIO TERMINAL COMPONENT DESCRIPTION
GA27-3039 2721 PORTABLE AUDIO TERMINAL
GA24-3403 2740 COMMUNICATION TERMINALS MODEL 1 & 2 COMPONENT DESCRIPTION
GA24-3415 2741 COMMUNICATION TERMINAL
GA27-3001 2740/2741 COMMUNICATIONS TERMINAL OPERATOR'S GUIDE
GA27-3011 COMPONENT DESCRIPTION, 2760 OPTICAL IMAGE UNIT
GA27-3013 SYSTEM COMPONENTS: IBM 2770 DATA COMMUNICATION SYSTEM
GA27-3038 OPERATOR'S GUIDE: IBM 2770 DATA COMMUNICATION SYSTEM
GA27-3005 2780 DATA TRANSMISSION TERMINAL COMPONENT DESCRIPTION
GA27-3015 2790 DATA COMMUNICATION SYSTEM COMPONENT DESCRIPTION
GA27-3035 2790 DATA COMMUNICATION SYSTEM OPERATOR'S GUIDE
GA18-2033 3101 DISPLAY TERMINAL DESCRIPTION
GA18-2035 3101 DISPLAY TERMINAL OPERATOR REFERENCE INFORMATION
GA18-2036 3101 DISPLAY TERMINAL CUSTOMER PROBLEM ANALYSIS AND RESOLUTION GUIDE
GA18-2051 AN INTRODUCTION TO THE 3101 DISPLAY TERMINAL
GX20-2352 3101 DISPLAY TERMINAL REFERENCE SUMMARY
**GA23-0058 3270 INFORMATION DISPLAY SYSTEM LIBRARY USER'S GUIDE
**GA27-2739 AN INTRODUCTION TO THE IBM 3270 INFORMATION DISPLAY SYSTEM
GA33-3056 3270 INFORMATION DISPLAY SYSTEM, COLOR & PROGRAMMED SYMBOLS
GA27-2749 3270 INFORMATION DISPLAY SYSTEM, COMPONENT DESCRIPTION
GA27-2759 3270 INFORMATION DISPLAY SYSTEM: A HUMAN FACTORS STUDY OF WORK STATION DESIGN
GA27-2837 3270 INFORMATION DISPLAY SYSTEM, CHARACTER SET REFERENCE
GX20-1878 3270 INFORMATION DISPLAY SYSTEM, REFERENCE SUMMARY
GA27-2750 3270 PROBLEM DETERMINATION GUIDE: IBM 3271, 3272, 3275, 3277, 3284, 3286 AND
3288
GA27-2774 A GUIDE TO USING THE TEST REQUEST FEATURE ON IBM 3270 INFORMATION DISPLAY
SYSTEMS: IBM 3271, 3272, 3275, 3277 3284, 3286, AND 3288
**GA23-0060 3270 INFORMATION DISPLAY SYSTEM - 3271 CONTROL UNIT, 3272 CONTROL UNIT, 3275
DISPLAY STATION - DESCRIPTION AND PROGRAMMER'S GUIDE
**GA23-0046 3274 CONFIGURATION DATA CARD
**GA23-0061 3270 INFORMATION DISPLAY SYSTEM: 3274 CONTROL UNIT DESCRIPTION AND PROGRAMMER'S
GUIDE
**GA27-2827 3270 INFORMATION DISPLAY SYSTEM, 3274 CONTROL UNIT PLANNING SETUP, AND
CUSTOMIZING GUIDE
**GA23-0023 3270 INFORMATION DISPLAY SYSTEM 3274 CONTROL UNIT OPERATOR'S GUIDE
**GA27-2850 3270 INFORMATION DISPLAY SYSTEM CONTROL UNIT, PROBLEM DETERMINATION GUIDE
GA27-2742 3270 INFORMATION DISPLAY SYSTEM OPERATOR'S GUIDE: 3275 & 3277 DISPLAY STATIONS:
3284, 3286 & 3288 PRINTERS
GA18-2014 3270 INFORMATION DISPLAY SYSTEM - 3276 CONTROL UNIT DISPLAY STATION PROBLEM
DETERMINATION GUIDE
GA18-2040 3270 INFORMATION DISPLAY SYSTEM 3276 CONTROL UNIT DISPLAY STATION OPERATOR'S
GUIDE
GA18-2041 3270 INFORMATION DISPLAY SYSTEM 3276 CONTROL UNIT DISPLAY STATION PLANNING AND
SETUP GUIDE
GA18-2042 3270 INFORMATION DISPLAY SYSTEM: PROBLEM DETERMINATION FOR 3276 CONTROL UNIT
DISPLAY STATIONS
GA27-2895 3276/3278 DISPLAY STATION KEYBOARD REPLACEMENT INSTRUCTIONS
**GA27-2839 3270 INFORMATION DISPLAY SYSTEM 3278 DISPLAY STATION, PROBLEM DETERMINATION
GUIDE
GA27-2890 3270 INFORMATION DISPLAY SYSTEM 3278 DISPLAY STATION OPERATOR'S GUIDE
**GA33-3051 3279 COLOR DISPLAY STATION PROBLEM DETERMINATION GUIDE
GA33-3057 3270 INFORMATION DISPLAY SYSTEM 3279 COLOR DISPLAY STATION OPERATOR'S GUIDE
**GA33-3067 3279 COLOR DISPLAY STATION KEYBOARD REPLACEMENT INSTRUCTIONS
**GA33-3094 3279 MODEL 2C COLOR DISPLAY CONSOLE PROBLEM DETERMINATION GUIDE
GA24-3680 3642 ENCODER PRINTER, OPERATING GUIDE
**GA24-3203 3644 AUTOMATIC DATA UNIT - PROGRAM WORKSHEETS FOR DOS/VS (5747-CJ1) AND OS/VS
(5744-CR1)
** GA24-3653 3644 AUTOMATIC DATA UNIT, COMPONENT DESCRIPTION
** GA24-3682 3644 AUTOMATIC DATA UNIT, OPERATING GUIDE
GC31-0009 PARAMETER TABLE GENERATION FACILITY FOR 3644 AUTOMATIC DATA UNIT (GEN3644), LIC
PROG 5668-998, GENERAL INFORMATION
**GC31-0504 3644 AUTOMATIC DATA UNIT PROGRAMMING AND USER'S GUIDE
GA27-3086 GUIDE TO USING THE IBM 3704 COMMUNICATIONS CONTROLLER CONTROL PANEL (CURRENT
RELEASE)
GA27-3091 3704 OPERATOR REFERENCE SUMMARY

GC30-3004 3704, 3705-1, AND 3705-II COMMUNICATIONS CONTROLLERS PRINCIPLES OF OPERATION
 GC30-3020 TELEPROCESSING PREINSTALLATION GUIDE FOR IBM 3704 AND 3705 COMMUNICATIONS CONTROLLERS
 GC30-3021 TELEPROCESSING INSTALLATION RECORD FOR IBM 3704 AND 3705 COMMUNICATIONS CONTROLLERS
 **GA27-3051 INTRODUCTION TO THE IBM 3704 AND 3705-11 COMMUNICATIONS CONTROLLERS (CURRENT RELEASE)
 **GT00-0624 INTRODUCTION TO THE 3704 AND 3705 COMMUNICATIONS CONTROLLERS (GA27-3051-4)
 GA27-3087 GUIDE TO USING THE 3705 CONTROL PANEL (CURRENT RELEASE)
 GA27-3092 3705 OPERATOR REFERENCE SUMMARY
 **GA27-3304 INTRODUCTION TO THE 3705-80 COMMUNICATION CONTROLLER
 GR29-0296 3705 EMULATION REFERENCE CARD
 **GA27-3043 IBM 3735 PROGRAMMABLE BUFFERED TERMINAL CONCEPT AND APPLICATION
 GA27-3061 3735 PROGRAMMABLE BUFFERED TERMINAL OPERATOR'S GUIDE
 GA18-2000 3767 COMMUNICATION TERMINAL OPERATOR'S GUIDE
 GA18-2012 3767 COMMUNICATION TERMINAL ERROR RECOVERY AND PROBLEM DETERMINATION GUIDE
 GA27-3096 3767 MODELS 1 & 2 COMMUNICATION TERMINAL COMPONENT DESCRIPTION
 GA27-3106 OPERATOR'S INTRODUCTION TO THE 3767 COMMUNICATION TERMINAL
 **GA27-3144 INTRODUCTION TO THE IBM 3770 DATA COMMUNICATION SYSTEM
 GA27-3100 OPERATING PROCEDURES GUIDE: IBM 3771 AND 3773 COMMUNICATION TERMINAL
 GA27-3146 3771, 3773, 3774 & 3775 COMMUNICATION TERMINALS COMPONENT DESCRIPTION
 **GA27-3101 3771 & 3773 COMMUNICATION TERMINALS REFERENCE SUMMARY
 GA27-3131 3771, 3773, AND 3774 COMMUNICATION TERMINALS OPERATOR TIPS
 GA27-3113 3773, 3774 & 3775 PROGRAMMABLE COMMUNICATION TERMINALS REFERENCE SUMMARY
 GA27-3114 3773 PROGRAMMABLE COMMUNICATION TERMINAL OPERATOR'S GUIDE
 GA27-3142 3773, 3774 & 3775 PROGRAMMABLE COMMUNICATION TERMINALS PROGRAMMER'S HANDBOOK
 **GA27-3170 3774 & 3775 PROGRAMMABLE COMMUNICATION TERMINALS, REFERENCE SUMMARY
 GA27-3094 OPERATING PROCEDURES GUIDE: IBM 3774 AND 3775 COMMUNICATION TERMINALS
 **GA27-3095 3774 & 3775 COMMUNICATION TERMINALS, REFERENCE CARD
 GA27-3132 3775 AND 3776 COMMUNICATION TERMINALS AND IBM 3784 LINE PRINTER OPERATOR TIPS
 GA27-3107 OPERATING PROCEDURES GUIDE: IBM 3776 COMMUNICATION TERMINAL
 **GA27-3108 3776 COMMUNICATION TERMINAL REFERENCE SUMMARY
 **GA27-3145 COMPONENT DESCRIPTION FOR THE IBM 3776 AND 3777 COMMUNICATION TERMINALS
 GA27-3165 3776 MODELS 3 & 4 & 3777 MODEL 3 COMMUNICATION TERMINALS OPERATOR'S GUIDE
 **GA27-3166 3776 MODELS 3 & 4, 3777 MODEL 3 COMMUNICATION TERMINAL, OPERATOR'S REFERENCE SUMMARY
 GA27-3124 OPERATING PROCEDURES GUIDE: IBM 3777 COMMUNICATION TERMINAL
 **GA27-3125 3777 COMMUNICATION TERMINAL REFERENCE SUMMARY
 GA27-3129 3777 MODEL 2 COMMUNICATION TERMINAL OPERATOR'S GUIDE
 **GA27-3130 3777 MODEL 2 COMMUNICATION TERMINAL REFERENCE SUMMARY
 **GA27-3309 3777 MODEL 4 COMMUNICATION TERMINAL OPERATOR'S GUIDE
 GA27-3063 COMPONENT INFORMATION FOR THE IBM 3780 DATA COMMUNICATION TERMINAL
 GA27-3149 3842 LOOP CONTROL UNIT OPERATOR'S GUIDE
 GA19-5099 3843 LOOP CONTROL UNIT, OPERATOR'S GUIDE
 GA27-2865 3845 DATA ENCRYPTION DEVICE, 3846 DATA ENCRYPTION DEVICE, GENERAL INFORMATION
 GA27-2866 3845 DATA ENCRYPTION DEVICE PRINCIPLES OF OPERATION
 GA27-2899 3846 DATA ENCRYPTION DEVICE, PRINCIPLES OF INFORMATION
 **GA27-3200 3863, 3864, AND 3865 MODEMS INTRODUCTION AND SITE PREPARATION GUIDE
 **GA27-3216 3863 MODEM MODELS 1 AND 2, 3864 MODEM MODELS 1 AND 2 SETUP INSTRUCTIONS AND USER'S GUIDE
 GA27-3218 3865 MODEM MODELS 1 AND 2 SETUP INSTRUCTIONS AND USER'S GUIDE
 **GA27-3260 3867 LINK DIAGNOSTIC UNIT SETUP INSTRUCTIONS AND USER'S GUIDE
 GA27-3058 3872 MODEM USER'S GUIDE
 GA27-3062 3872 MODEM PROBLEM DETERMINATION CARD
 GA33-0002 3874 MODEM USER'S GUIDE
 GA33-0001 3875 MODEM USER'S GUIDE
 GA36-0004 4872 MODEM MODELS 2 & 3
 **GA33-1534 4331 PROCESSOR MULTIUSE COMMUNICATIONS LOOP FUNCTIONAL CHARACTERISTICS
 **GA33-1538 4331 PROCESSOR MULTI USE COMMUNICATIONS LOOP OPERATING PROCEDURE
 **GA33-1540 4331 PROCESSOR LOOP ADAPTER PROBLEM DETERMINATION GUIDE
 GA34-0040 5230 DATA COLLECTION SYSTEM USER'S GUIDE
 GX34-0042 IBM 5230 DATA COLLECTION SYSTEM 5231 MODEL 2 CONSOLE GUIDE
 GA34-0016 5275 DIRECT NUMERICAL CONTROL STATION INTRODUCTION AND COMPONENT DESCRIPTION
 GA27-2712 7770 AUDIO RESPONSE UNIT MODEL 3, COMPONENT DESCRIPTION
 **GA33-3040 AN INTRODUCTION TO THE IBM 8775 DISPLAY TERMINAL
 **GA33-3044 8775 DISPLAY TERMINAL COMPONENT DESCRIPTION
 **GA33-3045 8775 DISPLAY TERMINAL: TERMINAL USER'S GUIDE

10 Auxiliary Equipment

GA22-6951 50 MAGNETIC DATA INSCRIBER OPERATOR'S GUIDE
 GA27-2725 50 MAGNETIC DATA INSCRIBER COMPONENT DESCRIPTION
 GA22-6968 129 CARD DATA RECORDER OPERATOR'S REFERENCE MANUAL
 GX34-0041 5230 DATA COLLECTION SYSTEM 5231 MODEL 1 CONSOLE GUIDE
 GX34-0043 5230 DATA COLLECTION SYSTEM 5231 MODEL 3 CONSOLE GUIDE
 GA21-9078 5486 CARD SORTER OPERATOR'S GUIDE

13 Special Features

GA22-6983 S/370 SPECIAL FEATURE: CHANNEL-TO-CHANNEL ADAPTER
 GA24-3663 MAGNETIC HAND SCANNER - MAGNETIC SLOT READER REPLACEMENT PROCEDURES
 GA33-3007 SYSTEM/370 MODEL 135 TERMINAL ADAPTER TYPE I MODEL II (FOR ICA): SPECIAL FEATURE DESCRIPTION SYSTEM LIBRARY MANUAL

GA33-3008 IBM SYSTEM/370 MODEL 135 TERMINAL ADAPTER TYPE III FOR ICA: SPECIAL FEATURE DESCRIPTION

GA33-3009 SYSTEM/370 MODEL 135 SYNCHRONOUS DATA ADAPTER TYPE II (FOR ICA): SPECIAL FEATURE DESCRIPTION

GA33-3011 IBM SYSTEM/370 MODEL 135 - TELEGRAPH ADAPTER TYPE II (FOR ICA): SPECIAL FEATURE DESCRIPTION MANUAL

GA22-7017 SYSTEM/370 MODEL 155 II DYNAMIC ADDRESS TRANSLATION FACILITY

GA22-6955 IBM SYSTEM/370 SPECIAL FEATURE DESCRIPTION: 709/7090/7094/7094 II CCMFATIBILITY FEATURE FOR IBM SYSTEM/370 MODEL 165

GA22-6958 7070/7074 COMPATIBILITY FEATURE: S/370 MODELS 165, 165II & 168

GA22-6963 7080 COMPATIBILITY FEATURE: S/370 MODELS 165, 165II & 168

GA22-7016 SYSTEM/370 MODEL 165 II DYNAMIC ADDRESS TRANSLATION FACILITY

GA24-3342 BATCH NUMBERING FEATURE FOR IBM 1241 AND 1419 MAGNETIC INK CHARACTER RECOGNITION READERS

GA27-2788 AN INTRODUCTION TO THE IBM 3270 DATA ANALYSIS - APL FEATURE

GA23-0011 IBM 3270 INFORMATION DISPLAY SYSTEM DESCRIPTION, CONFIGURATION AND PHYSICAL PLANNING IBM 3274 CONTROL UNIT MODEL 1C DATAPHONE DIGITAL SERVICE ACAPFIER FEATURES

GA18-2044 3270 INFORMATION DISPLAY SYSTEM DESCRIPTION & CONFIGURATION APL/TEXT FEATURE FOR 3276 CONTROL UNIT DISPLAY STATION, 3278 DISPLAY STATION, 3287 PRINTER, AND 3289 LINE PRINTER

GA26-1632 3340 DISK/STORAGE - FIXED HEAD FEATURE USER'S GUIDE

GC20-1767 OPTICAL MARK READ/CARD PRINT APPLICATION SOLUTIONS IBM 3504 and 3505 CARD READERS IBM 3525 CARD PUNCH

GA26-1653 INTRODUCING THE IBM 3800 TAPE-TO-PRINTING SUBSYSTEM FEATURE AND ITS UTILITY, PROG PROD 5748-UT2

GA26-1654 OPERATOR/REFERENCE MANUAL FOR THE IBM 3800 TAPE-TO-PRINTER SUBSYSTEM FEATURE

GA33-1528 4331 PROCESSOR, COMPATIBILITY FEATURES

14 Custom Features and Supporting Programs (PSHRPQ)

GA34-1507 IBM SYSTEM/7-360/370 CHANNEL ATTACHMENT: GENERAL INFORMATION MANUAL, RPQ E08112

GC35-0031 OS/VS MASS STORAGE SYSTEM (MSS) MSVIZAP

**GA09-1600 IBM 3270 INFORMATION DISPLAY SYSTEM CUSTOM FEATURE DESCRIPTION: 129-3270 ATTACHMENT (RPQ 8T0093)

GX09-1000 129-3270 OPERATOR'S REFERENCE SUMMARY

GX09-1001 129-2170 OPERATOR'S REFERENCE SUMMARY (RPQ 8T0105)

GA27-3066 SUPPLEMENTARY OPERATOR'S AND PROGRAMMER'S GUIDE INFORMATION CARD, 3735 WITH 129 CARD DATA RECORDER (RPQ EB1935)

GA24-3715 1287/1288 OPTICAL CHARACTER READER VIDEO IMAGE DIGITIZING RPQ COMPONENT DESCRIPTION AND OPERATING PROCEDURES

GA24-3590 IBM 1972 MODEL 3 PRODUCTION TERMINAL 1972 MODEL 4 INSTRUCTION CONSOLE OPERATOR'S GUIDE

GL21-9071 2501 CARD READER, MODELS A & B RPQ FEATURES

GA26-1599 2730 MODEL 1 TRANSACTION VALIDATION TERMINAL, 2968 MODEL 9 & 12 RECEIVER-TERMINAL UNIT

GX26-1618 2730 MODEL 1 TRANSACTION VALIDATION TERMINAL REFERENCE SUMMARY

GA27-2737 IBM 2909-3 ASYNCHRONOUS DATA CHANNEL RPQ F13299 CUSTOM FEATURE DESCRIPTION

GL22-6937 SYSTEM/360 AND SYSTEM/370 CUSTOM FEATURE DESCRIPTION: 2914 SWITCHING UNIT MODEL 1 - RPQ 880882

GL22-7025 2914 STORAGE CONTROL INTERFACE SWITCH MODEL 2 (RPQ 8P0290) PRODUCT DESCRIPTION AND PHYSICAL PLANNING

GL24-3570 2946 TERMINAL CONTROL SUBSYSTEM COMPONENT DESCRIPTION & OPERATING GUIDE

GL22-6979 IBM 2947 MODEL 4 CHECK COLLECTION CONTROLLER (RPQ 888264) FUNCTIONAL CHARACTERISTICS - REFERENCE MANUAL

GL24-3618 2956 MODEL 8 CARD READER RPQ 810582 CUSTOM UNIT DESCRIPTION AND PHYSICAL PLANNING

GL24-3628 IBM 3203 BOOK BRAILLE PRINTING FEATURE RPQ S00293 DESCRIPTION AND OPERATOR'S GUIDE CUSTOM FEATURE

GL24-3629 IBM 3203 PROGRAMMER BRAILLE PRINTING RPQ S00305 CUSTOM FEATURE DESCRIPTION AND OPERATOR'S GUIDE

GA33-3052 3250 GRAPHICS DISPLAY SYSTEM PROBLEM DETERMINATION GUIDE WITH RPQS SU0090, SU0091, 7J0005 AND 7J0014

GA33-3055 3250 GRAPHICS DISPLAY SYSTEM CUSTOM FEATURE DESCRIPTION RPQ SU0090, SU0091, 7J0005, AND 7J0014.

**GA33-3085 3250 GRAPHICS DISPLAY SYSTEM: CONTINUOUS REFRESH RPQS 7J0024 AND 7J0025 CUSTOM FEATURE USER'S GUIDE

**GA33-3086 3250 GRAPHICS DISPLAY SYSTEM: CUSTOM FEATURE SUMMARY

GA19-5236 3270 INFORMATION DISPLAY SYSTEM: BARCODE READER ATTACHMENT, RPQ ZA2415 REFERENCE MANUAL

** GA19-5248 3270 INFORMATION DISPLAY SYSTEM: CUSTOM FEATURE DESCRIPTION FOR RPQ UV001, 2950 MODEL 3 ATTACHED TO 3276 CONTROL UNIT DISPLAY STATION OR 3278 DISPLAY STATION

GA27-2758 3270 INFORMATION DISPLAY SYSTEM CUSTOM FEATURE DESCRIPTION, DUAL CASE CHARACTER SET RPQ 8K0366

GA27-2775 3270 INFORMATION DISPLAY SYSTEM: 3277 CUSTOM FEATURE DESCRIPTION, SIGNATURE DISPLAY RPQS 7U0010 & 8K0438

GA27-2862 3270 INFORMATION DISPLAY SYSTEM: 3277/3272 MULTI-FIELD IMAGE DISPLAY RPQ MF3288

GA19-5234 3274 CONTROL UNIT PLANNING, SETUP, AND CUSTOMIZING GUIDE SUPPLEMENT FOR RPQ YB2705 SPECIAL BELGIAN CHARACTER SET

GA19-5232 3270 INFORMATION DISPLAY SYSTEM 3276 CONTROL UNIT DISPLAY STATION, PROBLEM DETERMINATION GUIDE, 3278 DISPLAY STATION PROBLEM DETERMINATION GUIDE

GA19-5235 SUPPLEMENT FOR BARCODE READER RPQ ZA2415

3276 CONTROL UNIT DISPLAY STATION 3278 DISPLAY STATION PROBLEM DETERMINATION

GA27-2896 GUIDE FOR SPECIAL BELGIAN CHARACTERS RPQS YB2706, YE2708
3270 INFORMATION DISPLAY SYSTEM, CUSTOM FEATURE DESCRIPTION MCST TC 3277
ATTACHMENT FEATURE RPQ 8K0618

**GA33-3039 3277 DISPLAY STATION, GRAPHICS ATTACHMENT RPQ 7H0284, CUSTOM FEATURE
DESCRIPTION

GA19-5040 3278 DISPLAY STATION MODEL 2: CUSTOM FEATURE DESCRIPTION WI RPQS: 7H0418 -
SPECIAL EDITING FEATURE, 7H0430 - DUTCH PUBLISHING CHARACTER SET, XC4480 -
GERMAN PUBLISHING CHARACTER SET, UB4502 - FRENCH PUBLISHING CHARACTER SET.

GA27-3178 USER'S GUIDE FOR THE 3278 MODEL 2 DISPLAY ATTACHMENT TO THE IBM 3774
PROGRAMMABLE COMMUNICATION TERMINAL RPQ EJ2657

**GA33-3079 3279 COLOR DISPLAY STATION MODEL 3A AND 3B VIDEO OUTPUT RPQ 7J0039 CUSTOM
FEATURE DESCRIPTION

GA27-2752 3284/3286 PRINTER CUSTOM FEATURE DESCRIPTION, MARGIN STOP VARIABLE RQC EE3995

GA27-2753 3284/3286 PRINTER CUSTOM FEATURE DESCRIPTION, VERTICAL FORMS INDEX CONTROL RPQ
EB4324

GA27-2773 3284/3286 PRINTER CUSTOM FEATURE DESCRIPTION, FORMS TRACTOR RPQ WD4031

GA19-5041 3287 PRINTER MODELS 1 AND 2 PROBLEM DETERMINATION GUIDE FOR RPQS: 7H0307,
7H0317, 7H0327

GA19-5168 INTRODUCING THE AUTOMATIC DOCUMENT INSERTION DEVICE ON THE 3287 PRINTER, RPQS
7S0251 AND 7S0252

GA19-5171 3287 PRINTER MODELS 1 AND 2 USER'S GUIDE FOR THE AUTOMATIC DOCUMENT INSERTION
DEVICE, RPQ 7S0251, 7S0283

GA19-5173 3287 PRINTER MODELS 1 AND 2 WITH THE AUTOMATIC DOCUMENT INSERTION DEVICE RQC
7S0251 PROBLEM DETERMINATION GUIDE

GA19-5233 3287 PRINTER OPERATOR'S GUIDE FOR TRACTOR/FORMS SEPARATOR (RPQ ZB7224)

GA27-3174 3287 PRINTER OPERATOR'S GUIDE FOR TRACTOR/FORMS SEPARATOR RPQ MJ3112

** GA27-3237 3287 MODELS 1 & 2 OPERATOR'S GUIDE DOCUMENT INSERTION DEVICE (RPQ MK6104)

**GA27-3324 3287 PRINTER PINFEED PLATEN (RPQ GL2220) OPERATOR'S GUIDE

SY30-3006 IBM 3705 EMULATION PROGRAM GENERATION AND LOGIC MANUAL FOR PROGRAM SUPPORT FOR
HARDWARE RPQ M26099 SABRE LINE CONTROL

SY30-3014 IBM 3705 EMULATION PROGRAM GENERATION AND LOGIC MANUAL FOR RPQ 858663, PLOTTER
ADAPTER - PSHRPQ 885008 - PROG. NO. 5799-WFA

GA27-3069 SUPPLEMENTARY OPERATOR'S AND PROGRAMMER'S GUIDE INFORMATION IBM 3735 WITH IBM
KEYPAD UNIT AND FILE SEARCH (RPQ 8853102)

GA27-3073 3735 WITH AUTO FDP EXECUTION RPQ MB7057 OPERATOR'S CARD

GA19-5029 3740 DATA ENTRY SYSTEM: (5926-B03) BAR CODE READER PRINTER DATA STATION, CUSTOM
UNIT DESCRIPTION RPQS 7B0215, X64601, 7H0194, X96604, AND X72888

GA19-5031 IBM 3740 DATA ENTRY SYSTEM SPECIAL SELF-CHECK NUMBER DEVICE (COMPATIBLE WITH
HEBREW LANGUAGE FEATURE) CUSTOM UNIT DESCRIPTION RPQ X15169 (3741 AND 3742,
120-CHARACTER MACHINE

GA21-9224 IBM 3740 DATA ENTRY SYSTEM ASCII RPQ REFERENCE MANUAL SUPPORTING RPQS S40064,
S40075, and S40081

GA21-9384 3741 DATA STATION NCR 250 ATTACHMENT FEATURE REFERENCE MANUAL SUPPORTING RPQ
GJ1499

GA33-3016 3740 DATA ENTRY SYSTEM SPECIAL SELF-CHECK NUMBER DEVICE CUSTOM UNIT DESCRIPTION

GA21-9240 3741 READER/PUNCH ATTACHMENT FEATURE RPQ GF2495 REFERENCE MANUAL AND OPERATOR'S
GUIDE

GA21-9221 IBM 3742 DUAL DATA STATION FUNCTION CONTROL FEATURE REFERENCE MANUAL SUPPORTING
RPQ 843866

GA18-2019 IBM 3767 COMMUNICATION TERMINAL MODEL 2 DUAL DRIVE PINFEED PLATEN (RQC MF6321)
USER INFORMATION ADDENDUM

GA19-5057 3767 COMMUNICATION TERMINAL OPERATOR'S GUIDE, RPQ X71429, DOCUMENT INSERTION
DEVICE

GA19-5059 WORLD TRADE ADDENDUM TO IBM 3767 MODELS 1 AND 2 COMMUNICATION TERMINAL
COMPONENT DESCRIPTION OPERATOR'S GUIDE RPQ X74189 LARGE CHARACTER PRINT

GA27-3123 3767 COMMUNICATION TERMINAL FRONT DOCUMENT INSERT DEVICE USER'S INFORMATION
ADDENDUM (RPQ MPS272)

GA27-3126 3767 COMMUNICATION TERMINAL PINFEED PLATEN USER INFORMATION (RQC EG0314 AND
851142)

GA27-3127 3767 COMMUNICATION TERMINAL INTEGRATED MODEM WITH AUTO-ANSWER AND DIAL
DISCONNECT (RPQ 853134) USER INFORMATION ADDENDUM

GA27-3143 3773 & 3774 PROGRAMMABLE COMMUNICATION TERMINALS OPERATOR'S GUIDE FOR PINFEED
PLATEN RPQ MJ0436

GA19-5167 3800 PRINTING SUBSYSTEM USERS GUIDE FOR FORM LENGTH 2 X 4 1/6 OR 8 1/3 INCHES,
FORM LENGTH 3 X 4 1/6 OR 12 1/2 INCHES, RPQ XA9753 AND RPQ ZA9754

GA19-5181 3800 PRINTING SUBSYSTEM OPERATOR ATTENTION CONTACTS RQC 7S0263 USER'S GUIDE

GA19-5182 3800 PRINTING SUBSYSTEM USER'S GUIDE FOR PRINT 1/3 INCH FROM BOTTOM RQC
RPQ YB0029

GA19-5183 3800 PRINTING SUBSYSTEM USER'S GUIDE FOR EXTENDED PAPER WEIGHT RPQ XB6128

** GA19-5199 3800 PRINTING SUBSYSTEM USER'S GUIDE FOR PROGRAMMABLE FLASH RQC

** GA19-5200 3278 DISPLAY STATION PROBLEM DETERMINATION GUIDE SUPPLEMENT FOR GERMAN
PUBLISHING CHARACTER SET RPQ XC4480 AND SPECIAL EDITING FEATURE RPQ 7H0418

** GA19-5300 3800 PRINTING SUBSYSTEM USER'S GUIDE FOR FORM LENGTH 8 1/2 INCHES RQC 7S0279

**GA23-0056 3845/3846 DATA ENCRYPTION DEVICES RPQS 8K0987 AND 8K0946

GA19-5193 4331 PROCESSOR TELEGRAPH TERMINAL CONTROL - TYPE 2 FUNCTIONAL CHARACTERISTICS
RPQ 8S0276

GA34-1511 SYSTEM/370 IBM 5098-N05 SENSOR BASED CONTROL UNIT GENERAL INFORMATION MANUAL

GA19-5084 5230 DATA COLLECTION SYSTEM USER'S GUIDE SUPPLEMENT, IN/OUT CLOCKING RQC X95797

GA19-5089 5230 DATA COLLECTION SYSTEM, DIGITAL INPUT ATTACHMENT TO 5235: RPQ X55062 -
WORLD TRADE, RPQ 7S0231 - CANADA, USER'S GUIDE

GA34-1531 5275 MACHINE TOOL CONTROL UNIT (MCU) ACCESSORY RPQ D08286: GENERAL INFORMATION
MANUAL

GA19-5087 IBM 3270 INFORMATION DISPLAY SYSTEM: 5914 DOCUMENT INSCRIBE USER'S GUIDE, RQC

U74485 MODEL U01 - 7U0007 MODEL U02

** GA19-5178 5922 DOCUMENT READER MODEL S11 COMPONENT DESCRIPTION
 GA19-5187 5922 DOCUMENT READER MODEL S11 SITE PREPARATION GUIDE

** GA19-5320 5922 DOCUMENT READER MODEL S02 SITE PREPARATION GUIDE
 GA19-5024 IBM 3270 INFORMATION DISPLAY SYSTEM: 5926-B03 OPTICAL SCANNER REFERENCE MANUAL
 RPQS 7B0215 AND U42416

GA09-1005 IBM 5934 T02 TICKET TERMINAL (RPQ 8T0130), IBM 5983-T02 CONTROL UNIT (RFQ
 8T0131) COMPONENT DESCRIPTION

GA11-8635 5935-L03 BANKING TERMINAL REFERENCE MANUAL RPQ Y96695

** GA11-8639 5935-L03 BANKING TERMINAL REFERENCE INFORMATION RPQS Y96695 AND Y96750 (VERSION
 2)

GA19-5052 IBM 5937-S01 INDUSTRIAL TERMINAL COMPONENT DESCRIPTION RPQS 7S0052 7S0058
 7S0061

GA11-8632 5973-L02 NETWORK INTERFACE ADAPTER (NIA) PRODUCT DESCRIPTION MANUAL

** GA11-8643 5973-L02 REMOTE NETWORK INTERFACE ADAPTER SPECIFY CODE 7043 PRODUCT DESCRIPTION
 MANUAL

GA33-3015 REFERENCE MANUAL FOR IBM 5985 COLOR DISPLAY CONTROL UNIT MODEL H02 AND IBM 5941
 DISPLAY CONSOLE, MODEL H02 (SEE ABSTRACT FOR RPQS)

GA09-1000 IBM 5990 SYSTEM: SYSTEM SUMMARY MANUAL: RPQ 8T0146 5996-T01 DATA ACQUISITION
 CONTROLLER; 5799-WJF EXCHANGE DATA COLLECTION PROGRAM SUPPORT

GA27-2740 IBM 7412 MODEL 1 CONSOLE, CUSTOM SYSTEMS RPQ AA2846, CUSTOM FEATURE DESCRIPTION

GL22-7015 IBM 7441-1/1980-9 CUSTOM TERMINAL FUNCTIONAL CHARACTERISTICS OPERATING
 PROCEDURES AND PHYSICAL PLANNING

** GA19-5252 8775 DISPLAY TERMINAL: DATA ENTRY VALIDATION RPQS SU0183 AND SU0184 CUSTOM
 FEATURE DESCRIPTION

**GA33-3093 8775 DISPLAY TERMINAL PRINTER ATTACHMENT RPQS 7J0044 AND 7J0045 CUSTOM FEATURE
 DESCRIPTION

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** GC22-7004 SYSTEM/370 INSTALLATION MANUAL, PHYSICAL PLANNING

** GC22-7064 IBM INPUT/OUTPUT EQUIPMENT: INSTALLATION MANUAL - PHYSICAL PLANNING FOR
 SYSTEM/360, SYSTEM/370, AND 4300 PROCESSORS

GC22-7069 INPUT/OUTPUT EQUIPMENT REFERENCE INSTALLATION MANUAL - PHYSICAL PLANNING:
 SYSTEM/360, SYSTEM/370, 4300 PROCESSORS

GX22-6985 S/360 & S/370 CHANNELS: 2860, 2870 & 2880, PHYSICAL PLANNING TEMPLATE

GX22-6857 S/360 & S/370 COMMUNICATIONS EQUIPMENT, PHYSICAL PLANNING TEMPLATE

GA24-3435 PLANNING AND INSTALLATION OF A DATA COMMUNICATION SYSTEM USING IBM LINE
 ADAPTERS

**GA27-3006 IBM REMOTE MULTIPLEXERS AND COMMUNICATIONS TERMINALS INSTALLATION MANUAL -
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** GX27-2900 IBM PHYSICAL PLANNING TEMPLATE: COMMUNICATIONS TERMINALS
 GA27-2805 ASSEMBLY OF COAXIAL CABLES AND ACCESSORIES FOR ATTACHMENT TO IBM PRODUCTS
 GX22-6859 S/360 & S/370 CONSOLES & TERMINALS, PHYSICAL PLANNING TEMPLATE
 GX22-6858 S/360 & S/370 DATA STORAGE DEVICES, PHYSICAL PLANNING TEMPLATE
 GX22-6925 S/360 & S/370 FIELD ENGINEERING FURNITURE & TEST EQUIPMENT, PHYSICAL PLANNING
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GX22-6860 S/360 & S/370 MAGNETIC & OPTICAL CHARACTER READERS, PHYSICAL PLANNING TEMPLATE

GX22-6855 S/360 & S/370 MAGNETIC TAPE UNITS & CONTROLS, PHYSICAL PLANNING TEMPLATE

GA23-0038 MULTIUSE COMMUNICATIONS LOOP PLANNING GUIDE

GX22-6834 PUNCHED CARD AND TAPE I/O AND PRINTERS, FOR SYSTEM/360 AND SYSTEM/370: IBM
 PHYSICAL PLANNING TEMPLATE

GX22-7028 S/370 MODEL 115, PHYSICAL PLANNING TEMPLATE

GX22-7021 S/370 MODEL 125, PHYSICAL PLANNING TEMPLATE

GX22-7008 S/370 MODEL 135, PHYSICAL PLANNING TEMPLATE

GX22-7058 SYSTEM/370 MODEL 148, PHYSICAL PLANNING TEMPLATE

GX22-7005 S/370 MODEL 145, PHYSICAL PLANNING TEMPLATE

GX22-7059 S/370 MODEL 148, PHYSICAL PLANNING TEMPLATE

GX22-7006 S/370 MODEL 155, PHYSICAL PLANNING TEMPLATE

GX22-7023 S/370 MODEL 158, PHYSICAL PLANNING TEMPLATE

GX22-7007 S/370 MODEL 165, PHYSICAL PLANNING TEMPLATE

GX22-7022 S/370 MODEL 168, PHYSICAL PLANNING TEMPLATE

GX22-6981 S/370 MODEL 195, PHYSICAL PLANNING TEMPLATE

**GC22-7070 GUIDE TO 400-HZ POWER REQUIREMENTS

GA24-3021 1030 DATA COLLECTION SYSTEM INSTALLATION MANUAL, PHYSICAL PLANNING

GX21-9030 1030 DATA COLLECTION SYSTEM, PHYSICAL PLANNING TEMPLATE

GA24-3022 1050 DATA COMMUNICATIONS SYSTEM INSTALLATION MANUAL, PHYSICAL PLANNING

GX24-3381 1050 DATA COMMUNICATIONS SYSTEM: PHYSICAL PLANNING TEMPLATE

GA21-9010 1060 DATA COMMUNICATIONS SYSTEM INSTALLATION MANUAL, PHYSICAL PLANNING

GA24-3561 IBM 1925 MODEL 18 INTERFACE SWITCH UNIT RPQ 811301 INSTALLATION, PHYSICAL
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GA24-3566 IBM 1972 MODEL 3 PRODUCTION TERMINAL IBM 1972 MODEL 4 INSTRUCTION CONSOLE
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GX22-7037 2401 MAGNETIC TAPE UNIT MODELS 1 TO 6 AND 8, FOR SYSTEM/370: IBM PHYSICAL
 PLANNING TEMPLATE

GX22-7038 2415 MAGNETIC TAPE UNIT AND CONTROL MODELS 1 TO 6, FOR SYSTEM/370: IBM PHYSICAL
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GX22-7039 2420 MAGNETIC TAPE UNIT MODELS 5 AND 7, FOR SYSTEM/370: IBM PHYSICAL PLANNING
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GX22-7041 2495 TAPE CARTRIDGE READER MODEL 1, FOR SYSTEM/370: IBM PHYSICAL PLANNING
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GA26-1600 2730 MODEL 1, 2968 MODEL 9, AND 2968 MODEL 12: INSTALLATION MANUAL - PHYSICAL
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GA27-3019 2770 DATA COMMUNICATION SYSTEM INSTALLATION PHYSICAL PLANNING
GX27-2909 2770 DATA COMMUNICATIONS SYSTEM: PHYSICAL PLANNING TEMPLATE
GA27-3017 2790 DATA COMMUNICATION SYSTEM INSTALLATION MANUAL PHYSICAL PLANNING
GA27-3120 2790 INSTALLER'S GUIDE
GX22-7042 2803 TAPE CONTROL MODELS 1 TO 3, FOR SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE
GX22-7043 2804 TAPE CONTROL MODELS 1 TO 3, FOR SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE
GX22-7044 2816 SWITCHING UNIT MODEL 1, FOR SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE
GA27-2727 IBM SYSTEM/360 CUSTOM SYSTEMS UNIT 2909 MODEL 3 - ASYNCHRONOUS DATA CHANNEL
RPQ F13299 RPQ 882045 INSTALLATION BULLETIN - PHYSICAL PLANNING
GA24-3562 IBM 2911 MODEL 14 INTERFACE SWITCH UNIT RPQ 811503 INSTALLATION, PHYSICAL
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GL22-6936 IBM 2914 SWITCHING UNIT MODEL 1, RPQ 880882, CUSTOM FEATURE:
INSTALLATION MANUAL - PHYSICAL PLANNING
GX22-7083 2914 SWITCHING UNIT MODEL 1 TEMPLATE
GA24-3516 IBM 2938 ARRAY PROCESSOR MODEL 1 RPQ W24563, MODEL 2 RPQ 815188 INSTALLATION
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GL24-3571 IBM 2946 TERMINAL CONTROL SUBSYSTEM INSTALLATION MANUAL PHYSICAL PLANNING
GL22-6982 IBM 2947 CHECK COLLECTION CONTROLLER MODEL 4 (RPQ 888264) INSTALLATION MANUAL
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GA27-3044 2976 MOBILE TERMINAL SYSTEM CUSTOM SYSTEM DESCRIPTION OPERATOR'S GUIDE -
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GA26-1621 INSTALLATION MANUAL PHYSICAL PLANNING IBM 2984 MODEL 1 CASH ISSUING TERMINAL
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GX22-7026 3031 PROCESSOR COMPLEX TEMPLATE INCLUDES 3017 POWER UNIT MODEL 1 AND 3036
CONSOLE MODEL 1
GX22-7061 3031 ATTACHED PROCESSOR COMPLEX WITH 3041 ATTACHED PROCESSING UNIT - PHYSICAL
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PHYSICAL PLANNING TEMPLATE
GC22-7068 3032 PROCESSOR FLOOR CUTOFF AID
GX22-7025 3032 PROCESSOR COMPLEX TEMPLATE INCLUDES 3027 POWER AND COOLANT DISTRIBUTION
UNIT AND 3036 CONSOLE
GC22-7067 3033 PROCESSOR FLOOR CUTOFF AID
**GX22-7024 3033 PROCESSOR PHYSICAL PLANNING TEMPLATE
GX22-7062 3033 MULTIPROCESSOR COMPLEX TEMPLATE: 3036, 3037, 3038
**GX22-7075 3033 ATTACHED PROCESSOR COMPLEX PHYSICAL PLANNING TEMPLATE
**GX22-7087 3081 PROCESSOR COMPLEX TEMPLATE
**GX22-7095 3081 PROCESSOR COMPLEX
**GX22-7070 3203 PRINTER MODEL 5 PHYSICAL PLANNING TEMPLATE
GA33-3036 3250 GRAPHICS DISPLAY SYSTEM INSTALLATION MANUAL PHYSICAL PLANNING
GX22-7067 3250 GRAPHICS DISPLAY SYSTEM PHYSICAL PLANNING TEMPLATE (SCALE 1:48)
GX22-7068 3250 GRAPHICS DISPLAY SYSTEM PHYSICAL PLANNING TEMPLATE (SCALE 1:50)
**GA24-3734 3262 PRINTER MODELS 1, 2, 3, 11, 12 AND 13 SITE PLANNING AND PREPARATION GUIDE
**GX22-7082 3262 PRINTER MODELS 1, 2, 11 & 12 PHYSICAL PLANNING TEMPLATE
**GA27-2787 3270 INFORMATION DISPLAY SYSTEM, INSTALLATION PHYSICAL PLANNING
**GX27-2990 PHYSICAL PLANNING TEMPLATE (ENGLISH MEASUREMENT) 3270 INFORMATION DISPLAY
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**GX27-2999 PHYSICAL PLANNING TEMPLATE (METRIC MEASUREMENT) 3270 INFORMATION DISPLAY SYSTEM
GA18-2018 3287 PRINTER PLANNING AND SITE PREPARATION GUIDE
**GX22-7066 3287 PRINTER MODELS 1 & 2 PHYSICAL PLANNING TEMPLATE
GA27-3198 3289 PRINTER MODEL 4 SITE PREPARATION GUIDE
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**GX22-7080 PHYSICAL PLANNING TEMPLATE FOR 3310 MODELS A1/A2 AND B1/B2
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**GX22-7057 3350 DIRECT ACCESS STORAGE MODELS A2, A2F, B2, B2F, C2, AND C2F PHYSICAL
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**GX22-7079 3370 DIRECT ACCESS STORAGE MODELS A1 AND B1 PHYSICAL PLANNING TEMPLATE
**GX22-7088 3375 DIRECT ACCESS STORAGE MODELS A1 AND B1 PHYSICAL PLANNING TEMPLATE
GX22-7089 3380 DIRECT ACCESS STORAGE MODEL A4, A4F, AA4, AAF, B4, and B4F TEMPLATE
GX22-7035 3410 MAGNETIC TAPE UNIT MODELS 1 TO 3 AND 3411 MAGNETIC TAPE UNIT AND CONTROL
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GX22-7030 3420 MAGNETIC TAPE UNIT MODELS 3 TO 8 & 3803 TAPE CONTROL MODELS 1-3 FOR
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GX22-7045 3540 DISKETTE INPUT/OUTPUT UNIT MODELS 81 AND 82 FOR SYSTEM/370: IBM PHYSICAL
PLANNING TEMPLATE
GX22-7032 3704 COMMUNICATIONS CONTROLLER FOR SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE
GX22-7051 3705 COMMUNICATIONS CONTROLLER FOR SYSTEM/370: PHYSICAL PLANNING TEMPLATE
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GA27-3104 3767 COMMUNICATION TERMINAL CUSTOMER SITE PREPARATION GUIDE
GX27-2917 3770 DATA COMMUNICATION SYSTEM PHYSICAL PLANNING TEMPLATE
**GX22-7054 3800 PRINTING SUBSYSTEM MODEL 1 PHYSICAL PLANNING TEMPLATE
**GX22-7090 3814 SWITCHING MANAGEMENT SYSTEM MODELS A1-A4, B1-B4, AND C1-C4 TEMPLATE
GX22-6987 3838 ARRAY PROCESSOR MODELS 1-3 FOR SYSTEM/370: PHYSICAL PLANNING TEMPLATE
GX22-7085 3848 CRYPTOGRAPHIC UNIT PHYSICAL PLANNING TEMPLATE
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**GA27-3200 3863, 3864, AND 3865 MODEMS INTRODUCTION AND SITE PREPARATION GUIDE
**GA27-3261 3867 LINK DIAGNOSTIC UNIT: SITE PREPARATION GUIDE
GX22-7076 PHYSICAL PLANNING TEMPLATE FOR 3880 STORAGE CONTROL (10 mm = 0.5 m)
GX22-7052 PHYSICAL PLANNING TEMPLATE FOR 3881 OPTICAL MARK READER MODELS 1-3 & 3886
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GX22-7031	3890 DOCUMENT PROCESSOR: PHYSICAL PLANNING TEMPLATE
GX22-7063	3895 DOCUMENT READER/INSCRIBER
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GX22-7084	5424 MULTI-FUNCTION CARD UNIT MODELS A1, A2, K1, K2, AND K3
GA27-2741	INSTALLATION BULLETIN PHYSICAL PLANNING FOR IBM 7412 CONSOLE MODEL 1 CUSTOM SYSTEMS RPQ AA2846
**GA33-3074	7436 PRINTER MODEL 1 SITE PLANNING, PHYSICAL PLANNING, AND CONFIGURATOR GUIDE
GL21-9225	7460-4 STUB CARD READER RPQ EE7595 INSTALLATION/PHYSICAL PLANNING
**GA32-0040	8809 MAGNETIC TAPE UNIT INSTALLATION MANUAL - PHYSICAL PLANNING
**GX22-7074	PHYSICAL PLANNING TEMPLATE FOR 8809 MODELS 1A, 2 AND 3 (10 mm = 0.5 m)

OS/VS1 (20-40) RELEASES 6, 6.7 and 7

Note: Program Logic Manuals (PLMs) are provided in both manual and microfiche form. Microfiche editions incorporate all TNLs applying to the base publication. If you want microfiche edition(s), please have your SLSS subscription changed accordingly.

20 Programming - General Information

GC20-1752	OS/VIRTUAL STORAGE 1 FEATURES SUPPLEMENT
GC24-5104	OS/VS1 MASTER INDEX OF SL PUBLICATIONS
GCB4-5104	OS/VS1 MASTER INDEX OF SL PUBLICATIONS (MICROFICHE EDITION)
GC24-5151	OPERATING SYSTEM/VIRTUAL STORAGE 1 (OS/VS1) RELEASE 6 SYSTEM CONTROL PROGRAMMING SPECIFICATIONS
GC24-5188	OS/VS1 RELEASE 6.7 SYSTEM CONTROL PROGRAM SPECIFICATIONS PROGRAM NUMEEF 5741-VS1
GC24-5202	OS/VS1 RELEASE 7 SYSTEM CONTROL PROGRAM SPECIFICATIONS PROG 5652-VS1

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GC33-4010	OS/VS, DOS/VSE AND VM/370 ASSEMBLER LANGUAGE
GC33-4021	OS/VS, VM/370 ASSEMBLER PROGRAMMER'S GUIDE
SY33-8041	OS/VS, VM/370 ASSEMBLER LOGIC
**SY3-8041	OS/VS AND VM/370 ASSEMBLER LOGIC (MICROFICHE EDITION)

30 Access Methods, Data Management, Storage/Communications (I/O) Control Programs

GC26-3840	OS/VS1 ACCESS METHOD SERVICES
**SY35-0008	OS/VS1 ACCESS METHOD SERVICES LOGIC
LD26-6010	SUPPLEMENT FOR AMS CRYPTOGRAPHIC OPTION TO OS/VS1 ACCESS METHOD SERVICES LOGIC, 5740-AM8
LD26-6014	SUPPLEMENT FOR OS/VS1 ACCESS METHOD SERVICES LOGIC, 5740-XYG
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GC26-3842	PLANNING FOR ENHANCED VSAM UNDER OS/VS
GC26-3819	OS/VS VIRTUAL STORAGE ACCESS METHOD (VSAM) OPTIONS FOR ADVANCED APPLICATIONS
SD26-6011	SUPPLEMENT FOR OS/VS VSAM OPTIONS FOR ADVANCED APPLICATIONS, 5740-XYG
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SY26-3841	OS/VS1 VIRTUAL STORAGE ACCESS METHOD (VSAM) LOGIC
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SY35-0003	OS/VS1 CATALOG MANAGEMENT LOGIC (MICROFICHE EDITION)
**GC30-3072	SYSTEMS NETWORK ARCHITECTURE: CONCEPTS AND PRODUCTS
GC22-9062	DATA SECURITY THROUGH CRYPTOGRAPHY
GC22-9063	IBM CRYPTOGRAPHIC SUBSYSTEM CONCEPTS AND FACILITIES MANUAL
GC28-0942	OS/VS1 & OS/VS2 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY, LIC PROG 5740-XY5, GENERAL INFORMATION
GC28-0949	OS/VS1 & OS/VS2 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY, LIC PROG 5740-XY5, DESIGN OBJECTIVES
SC28-0956	OS/VS1 & OS/VS2 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY, LIC PROG 5740-XY5, INSTALLATION REFERENCE MANUAL
GC28-0957	OS/VS1 & OS/VS2 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY, LIC PROG 5740-XY5, SPECIFICATIONS
LJB2-9511	OS/VS1 PROGRAMMED CRYPTOGRAPHIC FACILITY, LIC PROG 5740-XY5 MICROFICHE LISTING
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GC26-3917	ACCESS METHOD SERVICES CRYPTOGRAPHIC OPTION, LIC PROG 5740-AM8, SPECIFICATIONS
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GC28-1015	OS/VS1 AND OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT, LIC PROG 5740-XY6, GENERAL INFORMATION
**SC28-1016	OS/VS1 AND OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT LIC PROG 5740-XY6, INSTALLATION REFERENCE
**LJB2-9517	OS/VS1 CRYPTOGRAPHIC UNIT SUPPORT
LY28-1017	OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT, LIC PROG 5740-XY6, LOGIC
**LY28-1018	OS/VS1 CRYPTOGRAPHIC UNIT SUPPORT PROGRAM LIC PROG 5740-XY6, LOGIC
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GC26-3837	OS/VS1 DATA MANAGEMENT FOR SYSTEM PROGRAMMERS
GD26-6021	SUPPLEMENT FOR OS/VS1 DATA MANAGEMENT FOR SYSTEM PROGRAMMERS
GC26-3887	OS/VS1 SUBSYSTEM ATTACHMENT SUPPORT - SUID 5741-606, DATA MANAGEMENT SUPPLEMENT
GC26-3889	SUPPLEMENT TO OS/VS1 DATA MANAGEMENT FOR SYSTEM PROGRAMMERS (GC26-3837-2), SUID 5741-604
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 SC38-1014 OS/VS2 MVS RACF MESSAGES & CODES, PROG PROD 5740-XXH
 LY28-0730 OS/VS2 MVS RACF LOGIC MANUAL, PROG PROD 5740-XXH
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 LJB2-9505 OS/VS2 RACF V1 R3 LISTINGS, PROG PROD 5740-XXH
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GC30-2049 OS/VS TCAM (W/NCP/VS FOR SNA) CONCEPTS & APPLICATIONS

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GC30-2052 OS/VS TCAM MACRO REFERENCE GUIDE, TCAM LEVEL 10 (SU ID 5741-602 AND 5752-836)

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GC30-3040 OS/VS TCAM DEBUGGING GUIDE LEVEL 10, OS/VS1 SUID 5741-602, OS/MVS SUID 5752-836, OS/SVS ICR 5742-UY99915

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GC30-2041 OS/VS2 TCAM (LEVELS 8 & 9) PROGRAMMER'S GUIDE

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GC27-6987 INTRODUCTION TO VTAM (VIRTUAL TELECOMMUNICATIONS ACCESS METHOD) (LEVEL 2)

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**GC27-0027 OS/VS VTAM (LEVEL 2) NETWORK OPERATING PROCEDURES

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GY21-0013 OS DATA MANAGEMENT MACRO LOGIC FOR IBM 1285/1287/1288

GYB1-0013 OS DATA MANAGEMENT MACRO LOGIC FOR 1285/1287/1288 (MICROFICHE)

GY21-0012 OS BSAM LOGIC FOR IBM 1419/1275

GYB1-0012 OS BSAM LOGIC FOR 1419/1275 (MICROFICHE)

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GC21-5097 OS AND OS/VS PROGRAMMING SUPPORT FOR THE IBM 3505 CARD READER AND IBM 3525 CARD PUNCH

GC24-5111 OS/VS2 IBM 3540 PROGRAMMER'S REFERENCE

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 ** SY30-3024 IBM 3650 SUBSYSTEM PROGRAM PREPARATION SUPPORT TRANSFORMATION DEFINITION
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 ** GC30-3035 3650 RETAIL STORE SYSTEM PROGRAMMER'S GUIDE REL 3.0 AND 3.1
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 **GC26-3948 DATA FACILITY/DATA SET SERVICES, LIC PROG 5740-UT3, SPECIFICATIONS
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 ** GC28-1029 OS/V2 MVS SYSTEM PROGRAM LIBRARY, LIC PROG 5740-XYS, -XYN INITIALIZATION AND TUNING GUIDE (CURRENT RELEASE)
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 **SC23-0046 SYSTEM PROGRAMMING LIBRARY: JES2 INSTALLATION, INITIALIZATION AND TUNING.
 GC23-0024 OS/V2 MVS JES3 REL 3 SYSTEM INFORMATION SUID 5752-826
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 ** LJB2-9515 RMF VERSION 2 RELEASE 2 MVS/SYSTEM PRODUCT LIC PROG 5740-XY4 RELEASE 1 SUPPORT
 **LYB8-0908 OS/V2 MVS RESOURCE MEASUREMENT FACILITY (RMF) VERSION 2 RELEASE 4, LIC PROG 5740-XY4, DATA AREAS LISTINGS
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**GD26-6027	SUPPLEMENT FOR MVS/SP, 5740-XYN AND 5740-XY5, TO SYSTEM GENERATION REFERENCE
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GC27-6948	7074 OS EMULATOR ON SYSTEM/370 REFERENCE, PROG. NOS. 360C-EU-739, 741 (CS); 5744-AJ1, AK1 (VS1, VS2)
GY27-7238	7074 OS EMULATOR ON MODELS 155/158 LOGIC PROG. NOS. 360C-EU-741 (OS); 5744-AJ1 (VS1, VS2)
GY27-7228	7074 OS EMULATOR ON MODELS 165/168, PROG 360C-EU-739 (OS/MFT AND OS/MVT), PROG 5744-AK1 (OS/VS1 AND OS/VS2)
GC27-6952	7080 OS EMULATOR ON MODELS 165/168: REFERENCE, PROG. NOS. 360C-EU-737 (MFT/MVT), 5744-AL1 (VS1/VS2)
GY27-7229	7080 OS EMULATOR ON MODELS 165/168: LOGIC, PROG. NOS. 360C-EU-737 (MFT/MVT), 5744-AL1 (VS1/VS2)
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GY27-7259	7094 OS EMULATOR ON MODELS 165/168: LOGIC, PROG. NOS. 360C-EU-740 (MFT/MVT) & 5744-AM1 (VS1/VS2)

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SY26-3820	OS/VS2 MVS CHECKPOINT/RESTART LOGIC
LD26-6000	SUPPLEMENT FOR MVS/SE, 5740-XE1, TO MVS CHECKPOINT/ RESTART LOGIC
LD26-6004	SUPPLEMENT FOR SAM-E, 5740-AM3, TO MVS CHECKPOINT/RESTART IO
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SDB3-0100	SUPPLEMENT FOR SU26 TO MVS JES3
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**LDB3-0072	SUPPLEMENT FOR MVS RMF, 5740-XY4, TO DATA AREAS
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**LTB8-0838	SUPPLEMENT FOR NETWORK JOB FACILITY FOR JES2 LIC PROG 5740-XR8 TO MVS DATA AREAS RELEASE 2 (LYB8-0838-0)
LYB8-0838	SUPPLEMENT FOR NJE JES2 REL 2 TO MVS DATA AREAS, 5740-XR8
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LDB3-0024 SUPPLEMENT FOR OS/VS2 MVS SYSTEM EXTENSIONS TO DATA AREA USAGE TABLE, 5740-XE1
** LDB3-0074 SUPPLEMENT FOR MVS RMF TO DATA AREA USAGE TABLE, 5740-XY4
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**GD23-0179 SUPPLEMENT FOR OS/VS2 MVS JCL (CURRENT RELEASE) TO MVS/SYSTEM PRODUCT,
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**LJB2-9520 MVS/SYSTEM PRODUCT, LIC PROG 5740-XYS, JES2 VERSION 1 RELEASE 2 MODIFICATION,
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** LYB8-1039 OS/VS2 MVS/SYSTEM PRODUCT JES2 RELEASE 1, LIC PROG 5740-XYS DIRECTORY LISTINGS
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 **LY25-0003 INFORMATION/MANAGEMENT, LIC PROG 5735-OZS, LOGIC AND DIAGNOSIS
 **GC34-2027 INFORMATION/SYSTEM LIC PROG 5735-OZS GENERAL AND PRE-INSTALLATION INFORMATION,
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 **SC34-2029 INFORMATION/SYSTEM, LIC PROG 5735-OZS, INSTALLATION AND CUSTOMIZATION

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 GD23-0122 SUPPLEMENT FOR SU64 TO SERVICE AIDS: MVS PROCESSOR SUPPORT 2, 5752-864
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 SD23-0036 SUPPLEMENT FOR MVS PROCESSOR SUPPORT TO SERVICE AIDS LOGIC, SUPPORT 5752-851
 SD23-0131 SUPPLEMENT FOR OS/VS 2 MVS PROCESSOR SUPPORT 2 (SU64) TO OS/VS2 MVS SERVICE
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 **GC38-0229 OPERATOR'S LIBRARY: OS/VS2 MVS SYSTEM COMMANDS
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 **GD23-0233 SUPPLEMENT FOR DATA FACILITY EXTENDED FUNCTION, 5740-XYQ, TO VS2 SYSTEM
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GC20-1756	DOS/VIRTUAL STORAGE FEATURES SUPPLEMENT
ST00-0510	DOS/VS HANDBOOK RELEASE 34 (SY33-8571-6)
LY33-9070	SUPPLEMENT TO SY33-8571-6 ADVANCED FUNCTION - DOS/VS
SY33-8572	DOS/VS HANDBOOK VOLUME 2
GC33-6061	DOS/VS RELEASE 34, SCP 5745-010, SPECIFICATIONS

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GC33-4010	OS/VS, DOS/VSE AND VM/370 ASSEMBLER LANGUAGE
Q33-4024	GUIDE TO THE DOS/VS ASSEMBLER RELEASE/34 (GC33-4024-2)
ST73-8567	DOS/VS ASSEMBLER LOGIC RELEASE 34 (SY33-8567-0)

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GC33-5382	DOS/VS ACCESS METHOD SERVICES USER'S GUIDE
SY33-8564	DOS/VS ACCESS METHOD SERVICES LOGIC
GC27-6989	DOS/VS BTAM
SY27-7251	DOS/VS BTAM LOGIC MANUAL
GT00-0498	DOS/VS DASD REL 34 (GC33-5375-2)
GC33-5372	DOS/VS DATA MANAGEMENT GUIDE
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ST00-0500	DOS/VS LIOCS VOLUME 2 SAM LOGIC RELEASE/34 (SY23-8560-3)
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GC38-0251	NETWORK OPERATION SUPPORT PROGRAM GENERAL INFORMATION, PROG PROD 5735-XX2
GC33-5373	DOS/VS SUPERVISOR AND I/O MACROS
SC24-5149	SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS SUPERVISOR & MACROS, 5746-XE2
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GC27-6985	DOS/VS QTAM MPPS (MESSAGE PROCESSING PROGRAM SERVICES)
SY27-7249	DOS/VS QTAM LOGIC MANUAL
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GC27-6998	VTAM (LEVEL 2) CONCEPTS AND PLANNING
GX27-0029	DOS/VS VTAM CONTROL BLOCK OVERVIEW
SY27-7265	DOS/VS VTAM LEVEL 2 DATA AREAS
GC27-0021	DOS/VS VTAM DEBUGGING GUIDE
**SY27-7270	DOS/VS VTAM (LEVEL 2) EXECUTION SEQUENCES
GC27-6994	VTAM (LEVEL 2) MACRO LANGUAGE GUIDE
GC27-6995	VTAM (LEVEL 2) MACRO LANGUAGE REFERENCE
GC27-0025	DOS/VS VTAM NETWORK OPERATING PROCEDURES
GX27-0033	DOS/VS VTAM REFERENCE SUMMARY
GC27-6957	DOS/VS VTAM SYSTEM PROGRAMMER'S GUIDE
**SY27-7256	INTRODUCTION TO VTAM (LEVEL 2) LOGIC: MVS; SVS REL 1.7; VS1 REL 5; WITH SN27-1552, VS1 REL 6; DOS/VS PLANNING ONLY
SYB7-7256	INTRODUCTION TO VTAM LOGIC (MICROFICHE EDITION)
SY27-7262	DOS/VS VTAM LOGIC
GC27-6999	AN INTRODUCTION TO PROGRAMMING THE 3270
GC30-3003	3704 & 3705 COMMUNICATIONS CONTROLLERS ASSEMBLER LANGUAGE
GC30-3005	3704 & 3705 COMMUNICATIONS CONTROLLERS, EMULATION PROGRAM STORAGE AND PERFORMANCE REFERENCE (CURRENT RELEASE)
**SY30-3001	3704 & 3705 COMMUNICATION CONTROLLERS EMULATION PROGRAM: PROGRAM LOGIC MANUAL
SC30-3114	STORAGE ESTIMATES AND PERFORMANCE PLANNING FOR THE 3705 COMMUNICATION CONTROLLER
GC30-3006	STORAGE ESTIMATES & PERFORMANCE PLANNING FOR 3704 & 3705 NCP
SY30-3006	IBM 3705 EMULATION PROGRAM GENERATION AND LOGIC MANUAL FOR PROGRAM SUEPCRT FOR HARDWARE RPQ M26099 SABRE LINE CONTROL
SY30-3013	3704 & 3705 NCP/VS VERSION 5 LOGIC
GY30-3012	3704 & 3705 PROGRAM REFERENCE HANDBOOK
GC30-3008	3704 & 3705 CONTROL PROGRAM GENERATION & UTILITIES GUIDE & SCP 5742, 5744-AN1, -BA2, 5747-AG1, -AJ2 (CURRENT RELEASE) SCP 5742, 5744-AN1, -BA2, 5747-AG1, -AJ2
SY30-3031	3705 COMMUNICATIONS CONTROLLER EMULATION LOGIC (CURRENT RELEASE)
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GY30-3000	3735 PROGRAMMABLE BUFFERED TERMINAL FORM DESCRIPTION MACRO INSTRUCTIONS & FORM DESCRIPTION UTILITY PROGRAM LOGIC MANUAL (OS, DOS & VS SYSTEMS)
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GC30-3028	3773, 3774, & 3775 PROGRAMMABLE COMMUNICATION TERMINALS PROGRAMMER'S GUIDE
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GC26-3904	DOS/VS 3800 PRINTING SUBSYSTEM, SYSTEM CONTROL PROGRAMMING SPECIFICATIONS
GC26-3905	DOS/VS POWER/VS IBM 3800 PRINTING SUBSYSTEM INDEPENDENT COMPONENT RELEASE SYSTEM CONTROL PROGRAMMING SPECIFICATIONS

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GC26-3855	OS/VS AND DOS/VSE ANALYSIS PROGRAM-1 (AP-1) USER'S GUIDE (CURRENT RELEASE)
SY26-3852	DOS/VS ANALYSIS PROGRAM-1 (AP-1) LOGIC
SY26-3873	DOS/VS IEBIMAGE AND SETPRT LOGIC
GT00-0485	DOS/VS SYSTEM UTILITIES RELEASE/34 (GC33-5381-2)
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GC33-6039	LICENSED PROGRAM DESIGN OBJECTIVES ADVANCED FUNCTIONS - DOS/VS PRG PROD 5746-XE2
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**SH20-2171	VSE PERFORMANCE TOOL, IUP 5796-PLQ, DESCRIPTION/OPERATIONS
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**LY20-2418	VSE PERFORMANCE TOOL, IUP 5796-PLQ, SYSTEMS GUIDE
**LT60-2418	VSE PERFORMANCE TOOL RELEASE 1.1 IUP 5796-PLQ SYSTEMS GUIDE (LY20-2418-1)
**G320-6155	VSE PERFORMANCE TOOL, IUP 5796-PLQ, NOTICE
GC20-1786	PLANNING GUIDE FOR THE DOS/VS "CARDLESS" SYSTEM
GT00-0493	DOS/VS SYSTEM GENERATION RELEASE/34 (GC33-5377-6)
GT00-0491	DOS/VS SYSTEM MANAGEMENT GUIDE RELEASE/34 (GC33-5371-6)
SC33-6042	SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS SYSTEMS MANAGEMENT GUIDE, 5746-XE2
GC20-1792	SYSTEM/3 TO DOS/VS CONVERSION GUIDE
GC33-5402	DOS/VS PLANNING GUIDE FOR PROGRAMMING THE SYSTEM/370 MODEL 115 AND THE IBM 5203 AND 3203 PRINTERS
GC33-6110	3031 PROCESSOR DOS/VS, GUIDE AND REFERENCE
GC33-6111	3031 DOS/VS SYSTEM CONTROL PROGRAMMING SPECIFICATIONS
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SY33-8573	1401/1440/1460 DOS/VS EMULATOR ON SYSTEM/370 LOGIC PROG PROD 5747-CC3
GC33-5385	1410/7010 DOS/VS EMULATOR ON SYSTEM/370 REFERENCE PROG PROD 5747-CC3
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LY33-9066	SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS IPI & JOB CONTROL LOGIC, 5746-XE2
ST00-0480	DOS/VS LOGICAL TRANSIENTS, DUMP LOGIC RELEASE/34 (SY33-8553-3)
LY33-9064	SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS LOGICAL TRANSIENTS LOGIC, 5746-XE2
GC33-6048	DOS/VS POWER/VS INSTALLATION GUIDE AND REFERENCE REL 34
SY33-8576	DOS/VS POWER/VS LOGIC PART 1
SY33-8577	DOS/VS POWER/VS LOGIC PART 2
GC33-5405	DOS/VS POWER/VS WITH RJE, SNA GUIDE
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GC33-6049	DOS/VS POWER/VS WORK STATION USER'S GUIDE
**G229-2228	FIELD ENGINEERING PROGRAMMING SYSTEM GENERAL INFORMATION
ST00-0483	DOS/VS SUPERVISOR LOGIC RELEASE/34 (SY33-8551-3)
LY33-9063	SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS SUPERVISOR LOGIC, 5746-XE2
GT00-0490	DOS/VS SYSTEM CONTROL STATEMENT RELEASE/34 (GC33-5376-5)
SC33-6043	SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS SYSTEM CONTROL STATEMENTS, 5746-XE2

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GC28-0772 OS/VS ENVIRONMENTAL RECORDING EDITING AND PRINTING (EREP) PROGRAM, SUID
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LYC7-0462 1401/1440/1460 EMULATOR 5745-SC-EML (G09) MICROFICHE LISTINGS

LY33-9082 1401/1440/1460 EMULATOR, LIC PROG 5746-SU1 LOGIC

36 Control Program

** SC33-6095 VSE/ADVANCED FUNCTIONS SYSTEM CONTROL STATEMENTS (CURRENT RELEASE)

LYC7-0463 VSE/ADVANCED FUNCTIONS REL 1.0 MICROFICHE LISTINGS

**LYC7-2010 VSE/AF REL. 2.0 ATTENTION ROUTINES 5745-SC-AIT (G13), LISTINGS (CURRENT
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**LTC7-2010 VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 ATTENTION ROUTINES, LISTINGS
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**LYC7-2012 VSE/AF RELEASE 2 CHECKPOINT/RESTART 5745-SC-CKR (G13), LISTINGS (CURRENT
RELEASE)

**LTC7-2012 VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 CHECKPOINT/RESTART LISTINGS
(LYC7-2012-0)

**LYC7-2016 VSE/AF REL. 2.0 DISTRIBUTION PROGRAM 5745-SC-DIS (G13), LISTINGS (CURRENT
RELEASE)

**LTC7-2016 VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 DISTRIBUTION PROGRAM
LISTINGS (LYC7-2016-0)

**LYC7-2024 VSE/AF REL 2.0 IPL AND BUFFER LOAD 5745-SC-IPL (G13), LISTINGS (CURRENT
RELEASE)

**LTC7-2024 VSE/AF IPL & BUFFER LOAD RELEASE 2 LISTINGS (LYC7-2034-0)

**LYC7-2026 VSE/AF REL 2.0 JOB CONTROL 5745-SC-JCL (G13), LISTINGS (CURRENT RELEASE)

**LTC7-2026 VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 JOB CONTROL LISTINGS
(LYC7-2026-0)

**LYC7-2036 VSE/AF REL 2.0 SUPERVISOR 5745-SC-SUP (G13), LISTINGS (CURRENT RELEASE)

**LTC7-2036 VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 SUPERVISOR LISTINGS
(LYC7-2036-0)

**LY33-9083 VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, -XE9, DIAGNOSIS REFERENCE: LOGICAL
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**LT73-9083 VSE/ADVANCED FUNCTIONS RELEASE 2, LIC PROG 5748-XE8, -XE9, DIAGNOSIS REFERENCE
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**LY33-9084 VSE/ADVANCED FUNCTIONS DIAGNOSIS REFERENCE, LIC PROG 5746-XE8, -XE9, INITIAL
PROGRAM LOAD AND JOB CONTROL (CURRENT RELEASE)

**LT73-9084 VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 DIAGNOSIS REFERENCE INITIAL
PROGRAM LOAD AND JOB CONTROL (LY33-9084-0)

**LY33-9091 VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, COMPONENT IDS 5745-SC-SUP, -AII,
-DKE, DIAGNOSIS REFERENCE SUPERVISOR (CURRENT RELEASE)

**LT73-9091 VSE/ADVANCED FUNCTIONS RELEASE 2, LIC PROG 5746-XE8, DIAGNOSIS REFERENCE:

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 SY33-8555 DOS/VSE INITIAL PROGRAM LOAD AND JOB CONTROL LOGIC
 LD12-5003 SUPPLEMENT FOR DOS/VSE ADVANCED FUNCTIONS INITIAL PROGRAM LOAD AND JOB CONTROL
 LIC PROG 5746-XE8 LOGIC
 SY33-8553 DOS/VSE LOGICAL TRANSIENTS AND DUMP PHASES LOGIC
 LD12-5001 SUPPLEMENT FOR VSE/ADVANCED FUNCTIONS TO DOS/VSE LOGICAL TRANSIENTS AND DUMP
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 GH12-5031 VSE/POWER, LIC PROG 5746-XE3, REMOTE JOB ENTRY FEATURE DESIGN OBJECTIVES
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 GH12-5046 VSE/POWER REMOTE JOB ENTRY AND SHARED SPOOLING, LIC PROG 5746-XE3, DESIGN
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 GH12-5131 VSE/POWER, LIC PROG 5746-XE3, GENERAL INFORMATION (CURRENT RELEASE)
 GH12-5235 S/370 & 4300 PROCESSORS, VSE/POWER & VSE/POWER REMOTE JOB ENTRY FEATURE, REL 1.
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 SH12-5329 S/370 & 4300 PROCESSORS, VSE/POWER, LIC PROG 5746-XE3, INSTALLATION &
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 ST32-5329 VSE/POWER RELEASE 2, LIC PROG 5746-XE3, INSTALLATION AND OPERATIONS GUIDE
 (SH12-5329-1)
 SH12-5330 S/370 & 4300 PROCESSORS VSE/POWER SHARED SPOOLING, LIC PROG 5746-XE3, REFERENCE
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 SH12-5434 VSE/POWER REFERENCE SUMMARY, REMOTE PROCESSING, REL 1.0, LIC PROG 5746-XE3,
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 SH12-5435 VSE/POWER LOCAL PROCESSING, LIC PROG 5746-XE3 FEATURES 6066-6071, 6075-6079
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 **LYA2-5216 VSE/POWER LIC PROG 5746-XE3 ASSEMBLY LISTINGS (CURRENT RELEASE)
 **LYA2-5217 VSE/POWER LIC PROG 5746-XE3 RJE FEATURE ASSEMBLY LISTINGS (CURRENT RELEASE)
 **LYA2-5218 VSE/POWER LIC PROG 5746-XE3 SHARED SPOOLING FEATURE ASSEMBLY LISTINGS
 LY12-5027 VSE/POWER, LIC PROG 5746-XE3, FEATURES 6066-6071, 6075-6079 LOGIC, PART 1
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 LT52-5027 VSE/POWER, LIC PROG 5746-XE3, LOGIC, PART 1 REL 1 (LY12-5027-0)
 LY12-5028 VSE/POWER, LIC PROG 5746-XE3, FEATURES 6066-6071, 6075-6079 LOGIC, PART 2
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 LY12-5034 VSE/POWER, LIC PROG 5746-XE3, LOGIC (PART 3) (CURRENT RELEASE)
 **LY33-9094 VSE/POWER, LIC PROG 5746-XE3, HANDBOOK
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 **G229-2228 FIELD ENGINEERING PROGRAMMING SYSTEM GENERAL INFORMATION
 SY33-8551 DOS/VSE SUPERVISOR LOGIC
 LD12-5000 SUPPLEMENT FOR VSE/ADVANCED FUNCTIONS, 5746-XE8, TO DOS/VSE SUPERVISOR LOGIC
 GC33-5376 DOS/VSE SYSTEM CONTROL STATEMENTS

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**SC33-6099 VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, -XE9, AIDS AND DEBUGGING PROCEDURES
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 **SC33-6112 VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8 DIAGNOSIS GUIDE (CURRENT RELEASE)
 **LYC7-2017 VSE/AF REL. 2.0 DISK ERROR RECOVERY PROCEDURES 5745-SC-DKE (G13), LISTINGS
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 **LTC7-2017 VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 DISK ERROR RECOVERY
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 **LYC7-2021 VSE/AF REL. 2.0 EREP1 5745-SC-ER1 (G13), LISTINGS (CURRENT RELEASE)
 **LTC7-2021 VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 EREP1 LISTINGS (LYC7-2021-0)
 **LYC7-2031 VSE/AF REL 2.0 ONLINE TEST EXECUTIVE PROGRAM 5745-SC-OLT (G13), LISTINGS
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 **LTC7-2031 VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 ONLINE TEST EXECUTIVE
 LISTINGS (LYC7-2035-0)
 **LYC7-2032 VSE/AF REL 2.0 PROBLEM DETERMINATION AIDS 5745-SC-PDA (G13), LISTINGS (CURRENT
 RELEASE)
 **LTC7-2032 VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 PROBLEM DETERMINATION AIDS
 LISTINGS (LYC7-2032-0)
 **LYC7-2038 VSE/AF REL. 2.0 TAPE ERROR RECOVERY PROCEDURES 5745-SC-TPE LISTINGS (CURRENT
 RELEASE)
 **LTC7-2038 VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 TAPE ERROR RECOVERY
 PROCEDURES LISTINGS (LYC7-2038-0)
 **LY33-9086 VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, -XE9, DIAGNOSIS REFERENCE: AIDS
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 **LT73-9086 VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8, -XE9 DIAGNOSIS REFERENCE:
 AIDS (LY33-9086-0)
 **LY33-9092 VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, -XE9, DIAGNOSIS REFERENCE: ERROR
 RECOVERY AND RECORDING TRANSIENTS
 GC28-0772 OS/VS ENVIRONMENTAL RECORDING EDITING AND PRINTING (EREP) PROGRAM, SUIL
 5741-601, 5752-827, ICR 5742 (CURRENT RELEASE)
 **GQ28-0772 ENVIRONMENTAL RECORDING EDITING AND PRINTING (EREP) PROGRAM REFERENCE, CS/VS1
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 SY28-0773 OS/VS ENVIRONMENTAL RECORDING EDITING AND PRINTING (EREP) PROGRAM LOGIC, SUID
 5741-601, 5752-827, ICR 5742
 SY33-8552 DOS/VSE ERROR RECOVERY AND RECORDING TRANSIENTS LOGIC
 SC34-2015 VSE INTERACTIVE PROBLEM CONTROL SYSTEM, LIC PROG 5746-SA1, USER'S GUIDE &

REFERENCE (CURRENT RELEASE)

ST34-2015 VSE INTERACTIVE PROBLEM CONTROL SYSTEM, LIC PROG 5746-SA1, USER'S GUIDE AND REFERENCE RELEASE 1 (SC34-2015-0)

GC34-2016 VSE INTERACTIVE PROBLEM CONTROL SYSTEM, LIC PROG 5746-SA1, PROGRAM SUMMARY

**GC34-2017 VSE INTERACTIVE PROBLEM CONTROL SYSTEM, LIC PROG 5746-SA1, GENERAL INFORMATION (CURRENT RELEASE)

** GT34-2017 DOS/VSE INTERACTIVE PROBLEM CONTROL SYSTEM (VSE/IPCS) RELEASE 2 LIC PROG 5746-SA1, GENERAL INFORMATION (GC34-2017-2)

**GC34-2021 VSE INTERACTIVE PROBLEM CONTROL SYSTEM, LIC PROG 5746-SA1, SPECIFICATIONS (CURRENT RELEASE)

** GQ34-2021 DOS/VSE INTERACTIVE PROBLEM CONTROL SYSTEM (VSE/IPCS) RELEASE 2, LIC PRG 5746-SA1, SPECIFICATIONS (GC34-2021-1)

GT34-2021 VSE INTERACTIVE PROBLEM CONTROL SYSTEM, LIC PROG 5746-SA1, SPECIFICATIONS RELEASE 1 (GC34-2021-0)

SC34-2024 VSE INTERACTIVE PROBLEM CONTROL SYSTEM, LIC PROG 5746-SA1, REFERENCE SUMMARY

LJA0-0303 VIRTUAL SYSTEMS EXTENDED/INTERACTIVE PROBLEM CONTROL SYSTEM LIC PROG 5746-SA1 MICROFICHE LISTINGS

**LJA0-0315 VSE/IPCS LIC PROG 5746-SA1 LISTINGS

LY25-0004 VSE INTERACTIVE PROBLEM CONTROL SYSTEM, LIC PROG 5746-SA1, LOGIC (CURRENT RELEASE)

LT65-0004 VSE INTERACTIVE PROGRAM CONTROL SYSTEM, LIC PROG 5746-SA1, LOGIC RELEASE 1 (LY25-0004-0)

**LY33-9095 VSE/IPCS HANDBOOK RELEASE 1, LIC PROG 5746-SA1

**LT73-9095 VSE/IPCS HANDBOOK, RELEASE 1, LIC PROG 5746-SA1, (LY33-9095-0)

GC33-5383 DOS/VSE OLTEP (CURRENT RELEASE)

SY33-8568 DOS/VSE OLTEP LOGIC

GC33-5380 DOS/VSE SERVICEABILITY AIDS & DEBUGGING PROCEDURES

SY33-8554 DOS/VSE SERVICEABILITY AIDS LOGIC

LD12-5002 SUPPLEMENT FOR VSE/ADVANCED FUNCTIONS TO DOS/VSE SERVICEABILITY AIDS LOGIC, 5746-XE8

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GH20-2199 DOS/VSE RJE WORKSTATION RELEASE 1, LIC PROG 5746-RC9 GENERAL INFORMATION

SH20-2205 DOS/VSE REMOTE JOB ENTRY WORKSTATION PROGRAM, LIC PROG 5749-RC9, PROGRAM REFERENCE

SH20-2206 DOS/VSE REMOTE JOB ENTRY WORKSTATION PROGRAM, LIC PRG 5746-RC9, OPERATIONS GUIDE

**SH20-2462 DOS/VSE/AF3 REMOTE JOB ENTRY WORKSTATION PROGRAM, LIC PROG 5746-RC9, OPERATOR'S GUIDE

**SH20-2463 DOS/VSE/AF3 REMOTE JOB ENTRY WORKSTATION PROGRAM, LIC PROG 5746-RC9, PROGRAM REFERENCE

GH20-4557 DOS/VSE REMOTE JOB ENTRY WORK STATION REL 1.0, LIC PROG 5746-RC9, SPECIFICATIONS

LY20-2455 DOS/VSE REMOTE JOB ENTRY WORK STATION PROGRAM, LIC PROG 5746-RC9, LOGIC

**LY20-2508 DOS/VSE AF3 REMOTE JOB ENTRY WORKSTATION PROGRAM, LIC PROG 5746-RC9, ICGIC

GC30-3064 3770 REMOTE JOB ENTRY (RJE) SYSTEM NETWORK ARCHITECTURE (SNA) INSTALLATION GUIDE

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**GB21-2663 VSE/CENTRAL CONTROL FACILITY, FDP 5798-DCZ, NOTICE

**SB21-2664 VSE/CENTRAL CONTROL FACILITY, FDP 5798-DCZ, DESCRIPTION/OPERATIONS

**GC33-6065 VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1, SPECIFICATIONS (CURRENT RELEASE)

** GQ33-6065 VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY RELEASE 2 SPECIFICATIONS LIC PROG 5746-TS1 (GC33-6065-2)

GT33-6065 VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (ICCF) RELEASE 1, LIC PRG 5746-TS1, SPECIFICATIONS, (GC33-6065-0)

**GC33-6066 VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1, GENERAL INFORMATION (CURRENT RELEASE)

** GQ33-6066 VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (VSE/ICCF) GENERAL INFORMATION, RELEASE 2, LIC PROG 5746-TS1 (GC33-6066-1)

GT33-6066 VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (ICCF) RELEASE 1, LIC PRG 5746-TS1, GENERAL INFORMATION (GC33-6066-0)

**SC33-6067 VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1, INFORMATION & OPERATIONS (CURRENT RELEASE)

** SQ33-6067 VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (VSE/ICCF) INSTALLATION RELEASE 2 LIC PROG 5746-TS1 (SC33-6067-1)

ST33-6067 VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (ICCF) RELEASE 1, LIC PRG 5746-TS1, INSTALLATION AND OPERATIONS REFERENCE (SC33-6067-0)

**SC33-6068 VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1, MESSAGES (CURRENT RELEASE)

** SQ33-6068 VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (VSE/ICCF), TERMINAL USER'S GUIDE RELEASE 2, LIC PROG 5746-TS1 (SC33-6068-1)

ST33-6068 VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (ICCF) RELEASE 1, LIC PRG 5746-TS1 TERMINAL USER'S GUIDE (SC33-6068-0)

**SC33-6069 VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1, MESSAGES

** SQ33-6069 VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (VSE/ICCF) MESSAGES RELEASE 2, LIC PROG 5746-TS1 (SC33-6069-1)

ST33-6069 VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (ICCF) RELEASE 1, LIC PRG 5746-TS1, MESSAGES (SC33-6069-0)

**SC33-6119 VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY LIC PROG 5746-TS1 DIAGNOSIS

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**GX33-9006 VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1, REFERENCE SUMMARY

**GT00-0647 VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (VSE/ICCF) REFERENCE SUMMARY
RELEASE 2 LIC PROG 5746-TS1 (SC33-9006-1)

LYC7-0464 DOS/VSE INTERACTIVE COMPUTING AND CONTROL FACILITY LIC PROG 5746-TS1,
MICROFICHE LISTINGS

**LYC7-0468 VSE/ICCF REL 2, LIC PROG 5746-TS1 (G73), LISTINGS (CURRENT RELEASE)

**LTC7-0468 VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (VSE/ICCF) RELEASE 2 LIC PROG
5746-TS1 LISTINGS (LYC7-0468-0)

**LY33-9096 VSE/ICCF, LIC PROG 5746-TS1, HANDBOOK

**LT73-9096 VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1, HANDBOOK
RELEASE 1 (LY33-9096-0)

**LY33-9098 VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1, DIAGNOSIS
REFERENCE (CURRENT RELEASE)

**SH20-4083 INTERACTIVE PRODUCTIVITY FACILITY, LIC PROG 5748-MS1, USE FEATURE: USER'S GUIDE

**GH20-4580 INTERACTIVE PRODUCTIVITY FACILITY, LIC PROG 5748-MS1, DESIGN OBJECTIVES

GH20-4641 INTERACTIVE PRODUCTIVITY FACILITY, LIC PROG 5748-MS1, SPECIFICATIONS

**GH20-5304 INTERACTIVE PRODUCTIVITY FACILITY, LIC PROG 5748-MS1, SPECIFICATIONS

**GH20-5306 INTERACTIVE PRODUCTIVITY FACILITY, LIC PROG 5748-MS1, SPECIFICATIONS

**GH20-5313 INTERACTIVE PRODUCTIVITY FACILITY, RELEASE 2 (VM/VSE ENVIRONMENT), LIC PROG
5748-MS1, SPECIFICATIONS

SX20-2346 INTERACTIVE PRODUCTIVITY FACILITY TEMPLATE

**LYB0-2477 INTERACTIVE PRODUCT FACILITY SOURCE LOGIC LISTINGS

LTB0-2477 INTERACTIVE PRODUCTIVITY FACILITY SOURCE LOGIC LISTINGS, RELEASE 1,
(LYB0-2477-00)

**LYB0-2478 INTERACTIVE PRODUCT FACILITY SOURCE LOGIC LISTINGS

LTB0-2478 INTERACTIVE PRODUCTIVITY FACILITY SOURCE LOGIC LISTINGS, RELEASE 1
(LYB0-2478-00)

**LYB0-2485 INTERACTIVE PRODUCTIVITY FACILITY (DOS/VSE FEATURE) - PLM/PANELS, LIC PROG
5748-MS1

**LYB0-2486 INTERACTIVE PRODUCTIVITY FACILITY (DOS/VSE FEATURE), SOURCE LISTINGS

**LYB0-2487 INTERACTIVE PRODUCTIVITY FACILITY (VM/DOS/VSE FEATURE) - PIM/PANELS, LIC PROG
5748-MS1

LYB0-2488 INTERACTIVE PRODUCTIVITY FACILITY (VM/DOS/VSE FEATURE) SOURCE LISTINGS, LIC
PROG 5748-MS1

**GX20-2343 SYSTEM IPO/E & INTERACTIVE PRODUCTIVITY FACILITY REFERENCE SUMMARY

**GT00-0603 SYSTEM IPO/E AND INTERACTIVE PRODUCTIVITY FACILITY REFERENCE SUMMARY CARD,
RELEASE 1 (GX20-2343-0)

**GX20-2383 VSE SYSTEM IPO/E AND INTERACTIVE PRODUCTIVITY FACILITY RELEASE 2.1, LIC PROG
5748-MS1, REFERENCE SUMMARY

40 Programming System Operation

**SC33-6097 VSE/ADVANCED FUNCTIONS OPERATING PROCEDURES (CURRENT RELEASE)

**SC33-6098 VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, -XE9, MESSAGES (CURRENT RELEASE)

**ST33-6098 VSE/ADVANCED FUNCTIONS MESSAGES, RELEASE 2 LIC PROG 5746-XE8 (SC33-6098-0)

**LYC7-2018 VSE/AF REL. 2.0 DISPLAY OPERATOR CONSOLE 5745-SC-DOC (G13), LISTINGS (CURRENT
RELEASE)

**LTC7-2018 VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 DISPLAY OPERATOR CONSOLE
LISTINGS (LYC7-2018-0)

**GC38-1045 ENVIRONMENTAL RECORDING EDITING & PRINT PROGRAM (EREP) MESSAGES (CURRENT
RELEASE)

**GT38-1045 ENVIRONMENTAL RECORDING EDITING AND PRINTING (EREP) MESSAGES OS/VS1 RELEASE 6,
OS/VS2 RELEASE 3.7, VM/370 RELEASE 6 (GC38-1045-1)

GC33-5379 DOS/VSE MESSAGES

GC33-6113 VSE/OPERATOR COMMUNICATION CONTROL FACILITY GENERAL INFORMATION

**GC33-6114 VSE/OPERATOR COMMUNICATION CONTROL FACILITY, LIC PROG 5746-XC5, SPECIFICATIONS

**SC33-6115 VSE/OPERATOR COMMUNICATION CONTROL FACILITY, LIC PROG 5746-XC5 INSTALLATION
GUIDE AND REFERENCE

**SC33-6117 VSE/OPERATOR COMMUNICATION CONTROL FACILITY, LIC PROG 5746-XC5, DIAGNOSIS GUIDE

**LYC7-0471 VSE OPER COMMUNICATION CONTROL FACILITY

**LY33-9097 VSE/OPERATOR COMMUNICATION CONTROL FACILITY, LIC PROG 5746-XC5 DIAGNOSIS
REFERENCE

GC33-5378 OPERATOR'S LIBRARY DOS/VSE OPERATING PROCEDURES

SD12-5007 SUPPLEMENT FOR VSE/ADVANCED FUNCTIONS, 5746-XE8, TO DOS/VSE OPERATING
PROCEDURES

COMPLETE VSE SYSTEM PRODUCTIVITY OPTION/EXTENDED (VSE SYSTEM IPO/E) RELEASE 2

SYSTEM LIBRARY SUBSCRIPTION SERVICE IDENTIFIER (SLSS ID) REQUIRED TO OBTAIN PROFILED DOCUMENTATION FROM MECHANICSBURG.

NOTE: SCP SPECIFICATIONS NOT AVAILABLE UNDER SLSS

BASE CONTENT

PROG. PROD. (NAME)	PP NUMBER	SLSS ID	RELEASE LEVEL
DOS/VSE	5745-030	7799-DB1	2.0
VSE/ADVANCED FUNCTIONS	5746-XE8	7799-DBA	2.0
VSE/IPCS	5746-SA1	7799-DBX	2.0
VSE/ICCF	5746-TS1	7799-DBF	2.0
VSE/POWER	5746-XE3	7799-DBP	2.0
VSE/VSAM	5746-AM2	7799-DBM	2.0
INTERACT PROD FACIL	5748-MS1	**	2.0
CICS/VS	5746-XX3	7799-DBC	1.4.1
DL/I DOS/VS	5746-XX1	7799-DBD	1.5
ACF/VTAM	5746-RC3	7799-DBV	2.0
& VTAM SCP	5747-CF1	**	2.0
ACF/VTAME	5746-RC7	7799-DBE	1.0
& VTAM SCP	5747-CG2	**	1.0
BTAM-ES	5746-RC5	7799-DBB	1.0
& BTAM SCP	5747-CG1	**	1.0

FEATURES

PROG. PROD. (NAME)	PP NUMBER	SLSS ID	RELEASE LEVEL
VSE/FASTCOPY	5746-AM4	7799-DAF	1.0
DATA DICTIONARY	5746-XXC	7799-DED	3.0
DMS/CICS/VS	5746-XC4	7799-DCD	2.0
DMS/CICS/VS DOS APPLI GEN FEAT	5746-XC4	7799-DAG	2.0
VSE/PERF TOOL	5796-PLQ	7799-DAT	1.1
CICS/VS PERF ANA II	5798-CFP	7799-DAA	1.4
VSE/POWER/RJE	5746-XE3	7799-DAR	2.0
VSE/RJE WORKSTATION	5746-RC9	7799-DAW	1.0
INTERAC INSN SYS	5748-XX6	7799-TA1	6.0
VSE/DITTO	5746-UT3	7799-DDD	1.0
DOS/VS COBOL COMPIL & LIB	5746-CB1	7799-DAC	2.5
RPG II	5746-RG1	7799-TAR	3.0
DOS PL/I OPT/LIB	5736-PL3	7799-DAP	5.1
DOS PL/I OPT	5736-PL1	7799-DCP	5.1
DOS PL/I RES LIB	5736-LM4	7799-DDP	5.1
DOS PL/I TRANS LIB	5736-LM5	7799-DEP	5.1
DOS/VS SORT/MERGE II	5746-SM2	7799-DAS	3.0
EMUL PROG/VS SCP	5747-AG1	7799-DA1	3.0
VSE/ACCESS CONTROL- LOGGING & REPORTING	5746-XE7	7799-DAL	1.0
VSAPL	5748-AP1	7799-TAA	3.0
ACF/NCP/VS	5735-XX1	7799-DAN	2.0
& SSP FOR ACF/NCP/VS	5735-XX3	7799-DCN	2.0
& NCP/SSP SCP	5747-CH1	**	2.0
& EP FEATURE 6004 SCP	5747-CH1	**	2.0
DOS/VS HOST SUPPT (DPCX) SCP	5747-BQ1	7799-DA4	IR11
& SUBSYSTEM SUPPT SERV SCP	5747-CC6	7799-DA5	4.0

**SLSS ID NOT REQUIRED

THE FOLLOWING PUBLICATIONS SUPPORT DOS/VSE (5745-030):

SLSS ID 7799-DB1

PSEUDO #	EQUALS	TITLE
N/A	GC20-1873-2	VSE SYSTEM IPO/EXTENDED GENERAL INFO
GT00-0703	GC20-1875-2	DOS/VSE SYSTEM IPO/EXTENDED PLNGD
N/A	GC20-1876-0	VM/DOS/VSE SYSTEM IPO/EXTENDED PLNGD
GT24-5138	GC24-5138-0	DATA MANAGEMENT CONCEPTS
GT24-5139	GC24-5139-0	MACRO USER'S GUIDE
GT24-5140	GC24-5140-0	MACRO REFERENCE
GQ26-3855	GC26-3855-2	OS/VS & DOS/VSE AP-1 USER'S GUIDE
GQ28-0772	GC28-0772-2	OS/VS EREP
GT00-0656	GC33-4024-3	GUIDE TO THE DOS/VSE ASSEMBLER
GT00-0657	GC33-5383-3	OLTEP
GT33-6047	GC33-6047-1	ENTRY USER'S GUIDE
GQ33-6077	GC33-6077-1	DATA SECURITY UNDER THE VSE SYSTEM
GT33-6109	GC33-6109-0	SCP SPECIFICATIONS (NOT AVAILABLE UNDER SLSS)
GT38-1045	GC38-1045-1	EREP MESSAGES
LT73-9101	LY33-9101-0	HANDBOOK

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF VSE/ADVANCED FUNCTION (5746-XE8):

SLSS ID 7799-DBA

PSEUDO #	EQUALS	TITLE
GT20-1879	GC20-1879-0	FIXED BLOCK DASD INSTALL/CONV GUIDE
G124-5209	GC24-5209-0	DATA MANAGEMENT CONCEPTS
ST24-5210	SC24-5210-0	MACRO USER'S GUIDE
ST24-5211	SC24-5211-0	MACRO REFERENCE
ST24-5212	SC24-5212-0	TAPE LABELS
ST24-5213	SC24-5213-0	DASD LABELS
ST33-6094	SC33-6094-0	SYSTEM MANAGEMENT GUIDE
ST33-6095	SC33-6095-0	SYSTEM CONTROL STATEMENTS
ST33-6096	SC33-6096-0	SYSTEM GENERATION
ST33-6097	SC33-6097-0	OPERATING PROCEDURES
ST33-6098	SC33-6098-0	MESSAGES
ST33-6099	SC33-6099-0	SERVICEABILITY AIDS & DEBUG PROCEDURES
ST33-6100	SC33-6100-0	SYSTEM UTILITIES
ST33-6101	SC33-6101-0	PROGRAMMER'S GUIDE
GT33-6102	GC33-6102-1	SPECIFICATIONS
GT33-6106	GC33-6106-0	GENERAL INFORMATION
ST33-6107	SC33-6107-0	SYSTEM INFORMATION
GT33-6108	GC33-6108-0	INTRODUCTION TO THE VSE SYSTEM
ST33-6112	SC33-6112-0	DIAGNOSIS GUIDE
GT35-0033	GC35-0033-2	DEVICE SUPPORT FACILITIES
LTC7-2010	LYC7-2010-0	ATTENTION ROUTINES
LTC7-2011	LYC7-2011-0	ASSEMBLER
LTC7-2012	LYC7-2012-0	CHECKPOINT/RESTART
LTC7-2013	LYC7-2013-0	DIRECT ACCESS METHOD
LTC7-2014	LYC7-2014-0	DYNAMIC DUMP UTILITY
LTC7-2015	LYC7-2015-0	DISKETTE IOCS
LTC7-2016	LYC7-2016-0	DISTRIBUTION PROGRAM
LTC7-2017	LYC7-2017-0	DISK ERROR RECOVERY PROCEDURES
LTC7-2018	LYC7-2018-0	DISPLAY OPERATOR CONSOLE
LTC7-2019	LYC7-2019-0	DEVICE SUPPORT FACILITIES
LTC7-2020	LYC7-2020-0	SEQUENTIAL DISK IOCS
LTC7-2021	LYC7-2021-0	EREPI
LTC7-2022	LYC7-2022-0	COMPILER I/O MODULES
LTC7-2023	LYC7-2023-0	IOCS & DEVICE INDEPENDENT I/O
LTC7-2024	LYC7-2024-0	IPL & BUFFER LOAD
LTC7-2025	LYC7-2025-0	ISAM
LTC7-2026	LYC7-2026-0	JOB CONTROL
LTC7-2027	LYC7-2027-0	LIBRARIAN
LTC7-2028	LYC7-2028-0	LINKAGE EDITOR
LTC7-2029	LYC7-2029-0	MAGNETIC CHARACTER RECOGNITION IOCS
LTC7-2030	LYC7-2030-0	OPTICAL CHARACTER RECOGNITION IOCS
LTC7-2031	LYC7-2031-0	ONLINE TEST EXEC
LTC7-2032	LYC7-2032-0	PROBLEM DETERMINATION AIDS
LTC7-2033	LYC7-2033-0	PAPER TAPE IOCS
LTC7-2034	LYC7-2034-0	RECOVERY MANAGEMENT SUPPORT
LTC7-2035	LYC7-2035-0	SPECIFIC DEVICE SUPPORT
LTC7-2036	LYC7-2036-0	SUPERVISOR
LTC7-2037	LYC7-2037-0	MAGNETIC TAPE IOCS
LTC7-2038	LYC7-2038-0	TAPE ERROR RECOVERY PROCEDURES
LTC7-2039	LYC7-2039-0	SYSTEM UTILITY
LTC7-2040	LYC7-2040-0	MAINTAIN SYSTEM HISTORY
LT64-5209	LY24-5209-0	LIOCS VOL1 GEN INFO & IMPERATIVE MACROS
LT64-5210	LY24-5210-0	LIOCS VOL2 SAM
LT64-5211	LY24-5211-0	LIOCS VOL3 SAM AND ISAM
LT64-5212	LY24-5212-0	DIRECT & SEQUENTIAL DASD LOGIC
LT73-9083	LY33-9083-0	LOGICAL TRANSIENTS AND \$IJBSxxx PHASES
LT73-9084	LY33-9084-0	INITIAL PROGRAM LOAD AND JOB CONTROL
LT73-9085	LY33-9085-0	LINKAGE EDITOR
LT73-9086	LY33-9086-0	SERVICEABILITY AIDS
LT73-9087	LY33-9087-0	LIBRARIAN
LT73-9088	LY33-9088-0	SYSTEM UTILITIES
LT73-9089	LY33-9089-0	MAINTAIN SYSTEM HISTORY
LT73-9091	LY33-9091-0	SUPERVISOR
LT73-9092	LY33-9092-0	ERROR RECOVERY & RECORDING TRANSIENTS

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF VSE/PC (5746-SA1):

SLSS ID 7799-DBX

PSEUDO #	EQUALS	TITLE
SQ34-2015	SC34-2015-1	USER'S GUIDE & REFERENCE
GT34-2017	GC34-2017-2	GENERAL INFORMATION MANUAL
GQ34-2021	GC34-2021-1	SPECIFICATIONS
N/A	LJA0-0303-1	FICHE
LQ65-0004	LY25-0004-1	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF VSE/ICCF (5746-TS1):

SLSS ID	PSEUDO #	EQUALS	TITLE
	7799-DBF		
GQ33-6065		GC33-6065-2	SPECIFICATIONS
GQ33-6066		GC33-6066-1	GENERAL INFORMATION
SQ33-6067		SC33-6067-1	INSTALLATION REFERENCE
SQ33-6068		SC33-6068-1	TERMINAL USER'S GUIDE
SQ33-6069		SC33-6069-1	MESSAGES
GT00-0647		SX33-9006-1	REFERENCE SUMMARY
LTC3-9093		LYC3-9093-0	FICHE
LTC7-0468		LYC7-0468-0	LISTINGS
LT73-9081		LY33-9081-1	LOGIC VOL 1
LT73-9093		LY33-9093-0	LOGIC VOL 2

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF VSE/POWER (5746-XE3):

SLSS ID	PSEUDO #	EQUALS	TITLE
	7799-DBF		
GT32-5131		GH12-5131-2	GENERAL INFORMATION
GT32-5242		GH12-5242-1	SPECIFICATIONS
SQ32-5329		SH12-5329-1	INSTALLATION & OPERATIONS GUIDE
ST32-5330		SH12-5330-0	SHARED SPOOLING USER'S GUIDE
SQ32-5520		SH12-5520-1	MESSAGES
LTA2-5216		LYA2-5216-1	FICHE
LQ52-5027		LY12-5027-1	LOGIC VOL 1
LQ52-5028		LY12-5028-1	LOGIC VOL 2

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF VSE/VSAM (5746-AM2):

SLSS ID	PSEUDO #	EQUALS	TITLE
	7799-DBM		
GT24-5142		GC24-5142-0	SPECIFICATIONS
SQ24-5144		SC24-5144-1	COMMANDS & MACROS
SQ24-5145		SC24-5145-1	PROGRAMMER'S REFERENCE
SQ24-5146		SC24-5146-1	MESSAGES & CODES
LQB4-6102		LYB4-6102-1	SOURCE LISTINGS
LQ64-5191		LY24-5191-1	LOGIC VOLUME 1 LOGIC
LQ64-5192		LY24-5192-1	LOGIC VOLUME 2 LOGIC
LQ64-5195		LY24-5195-1	ACCESS METHODS LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF INTERACT PROD FACIL (5748-MS1):

NO SLSS ID REQUIRED (USE PP NUMBER)	PSEUDO #	EQUALS	TITLE
N/A		GC20-1874-1	VM SIPO/E PLANNING GUIDE
N/A		GH20-5306-0	SPECIFICATIONS
N/A		GX20-2343-1	SUMMARY CARD
N/A		SX20-2346-0	TEMPLATE FOR 3277
N/A		SX20-2355-0	TEMPLATE FOR 3276/78
N/A		LYB0-2485-2	LOGIC/PANELS
N/A		LYB0-2486-1	ASSEMBLY LISTINGS

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.4.1 OF CICS/VS (5746-XX3):

SLSS ID	PSEUDO #	EQUALS	TITLE
	7799-DBC		
GT00-0591		GC33-0066-4	GENERAL INFORMATION
SQ33-0067		SC33-0067-1	INTRODUCTION TO LOGIC
SQ33-0068		SC33-0068-1	SYS/APPLI DESIGN GUIDE
SQ33-0069		SC33-0069-2	SYS PROGRAMMER'S REF MAN
SQ33-0070		SC33-0070-2	DOS/VS SYS PROGR REF MAN
SQ33-0077		SC33-0077-1	APPLI PROG REF MANUAL
SQ33-0079		SC33-0079-1	PROGRAM REFERENCE MANUAL
SQ33-0080		SC33-0080-1	OPERATOR'S GUIDE
SQ33-0081		SC33-0081-1	MESSAGES & CODES
ST33-0085		SC33-0085-0	RPGII APPLI PROGR REF MANL
ST33-0086		SC33-0086-0	ENTRY LVL SYS UGD (DOS)
ST33-0089		SC33-0089-0	PROBLEM DETERMINATION GUIDE
ST00-0601		SX33-6010-2	DEBUG REF SUMM
ST00-0587		SX33-6011-2	TERMINAL OPERATOR REFERENCE
GT00-0585		GX33-6012-2	APPLI PROG'S REF SUMM
N/A		LYA4-3005-0	CICS/DOS/VS LISTINGS
LT73-6032		LY33-6032-0	LOGIC DESCRIPTION
LT73-6033		LY33-6033-0	DOS/VS DATA AREAS LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.5 OF DL/I DOS/VS (5746-XX1):

SLSS ID	PSEUDO #	EQUALS	TITLE
	7799-DBD		
ST32-5411		SH12-5411-4	REFERENCE MANUAL
ST32-5412		SH12-5412-5	UTILITIES
ST32-5413		SH12-5413-4	SYSTEM/APPLICATION DESIGN GUIDE
ST32-5414		SH12-5414-6	MESSAGES & CODES
ST32-5700		SH12-5700-0	MASTER INDEX
GT40-1246		GH20-1246-7	GENERAL INFORMATION
GQ40-4642		GH20-4642-2	SPECIFICATIONS
ST40-9046		SH20-9046-2	OPERATOR REFERENCE
ST44-5002		SH24-5002-2	DIAGNOSTIC GUIDE
LT00-0638		LYB4-6101-4	FICHE
LT00-0639		LY12-5016-5	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF ACF/VTAM (5746-RC3):

SLSS ID 7799-DBV

PSEUDO #	EQUALS	TITLE
SI27-0449	SC 27-0449-1	PROGRAMMING REFERENCE
GT27-0460	GC27-0460-0	SPECIFICATIONS
GT27-0462	GC27-0462-1	GENERAL INFORMATION: INTRODUCTION
GT27-0463	GC27-0463-0	GENERAL INFORMATION: CONCEPTS
ST27-0464	SC27-0464-0	INSTALLATION MANUAL
ST27-0465	SC27-0465-0	PREINSTALLATION PLANNING
ST27-0466	SC27-0466-1	OPERATIONS MANUAL
ST27-0467	SC27-0467-1	MESSAGES & CODES
LTB1-0408	LJB1-0408-0	ASSEMBLY LISTINGS
ST00-0640	SX27-0003-0	REFERENCE SUMMARY
LT00-0641	LX27-0004-0	CONTROL PANEL OVERVIEW
ST78-3020	SY38-3020-0	DIAGNOSTIC TECHNIQUES
LT78-3021	LY38-3021-0	LOGIC OVERVIEW
LT78-3022	LY38-3022-0	LOGIC VOL 1
LT78-3024	LY38-3024-0	LOGIC VOL 2
LT78-3026	LY38-3026-1	DATA AREAS

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF ACF/VTAM & VTAM SCP (5747-CF1):

NO SLSS ID REQUIRED

PSEUDO #	EQUALS	TITLE
GT27-0459	GC27-0459-0	SPECIFICATIONS (NOT AVAILABLE UNDER SLSS)

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF ACF/VTAME (5746-RC7):

SLSS ID 7799-DBE

PSEUDO #	EQUALS	TITLE
GT27-0437	GC27-0437-1	SPECIFICATIONS
GT27-0438	GC27-0438-0	GENERAL INFORMATION: INTRODUCTION
ST27-0439	SC27-0439-0	INSTALLATION
ST27-0441	SC27-0441-0	PREINSTALLATION
ST27-0442	SC27-0442-1	PROGRAMMING
ST27-0443	SC27-0443-0	OPERATION
ST27-0444	SC27-0444-1	MESSAGES & CODES
GT27-0451	GC27-0451-0	GENERAL INFORMATION: CONCEPTS
LTB1-0458	LJB1-0458-0	ASSEMBLY LISTINGS
ST00-0642	SX27-3032-0	REFERENCE SUMMARY
ST78-3012	SY38-3012-0	DIAGNOSTIC TECHNIQUES
LT78-3013	LY38-3013-1	LOGIC OVERVIEW
LT78-3014	LY38-3014-0	LOGIC BASIC
LT78-3016	LY38-3016-1	DIAGNOSTIC DATA AREAS

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF ACF/VTAME & VTAM SCP (5747-CG2):

NO SLSS ID REQUIRED

PSEUDO #	EQUALS	TITLE
GT27-0440	GC27-0440-1	SPECIFICATIONS (NOT AVAILABLE UNDER SLSS)

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF BTAME-ES (5746-RC5):

SLSS ID 7799-DBB

PSEUDO #	EQUALS	TITLE
GT38-0291	GC38-0291-0	SPECIFICATIONS
GT38-0292	GC38-0292-0	GENERAL INFORMATION
ST38-0293	SC38-0293-0	PROGRAMMING REFERENCE
ST38-0294	SC38-0294-0	INSTALLATION
ST38-0295	SC38-0295-0	MESSAGES
LTB1-0407	LJB1-0407-0	ASSEMBLY LISTINGS
LT77-8030	LY27-8030-0	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF BTAM-ES & BTAM SCP (5747-CG1):

NO SLSS ID REQUIRED

PSEUDO #	EQUALS	TITLE
GT38-0296	GC38-0296-0	SPECIFICATIONS (NOT AVAILABLE UNDER SLSS)

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF VSE/FASTCOPY (5746-AM4):

SLSS ID 7799-DAF

PSEUDO #	EQUALS	TITLE
GT33-6080	GC33-6080-1	SPECIFICATIONS
GT33-6081	GC33-6081-0	GENERAL INFORMATION
ST33-6082	SC33-6082-0	INSTALLATION REFERENCE MANUAL
LTC7-0469	LYC7-0469-0	FICHE
LT73-9090	LY33-9090-0	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 3.0 OF DATA DICTIONARY (5746-XXC):

SLSS ID	PSEUDO #	EQUALS	TITLE
7799-DED			
	GT40-4510	GH20-4510-2	SPECIFICATIONS
	ST40-9083	SH20-9083-2	USER'S GUIDE
	ST40-9084	SH20-9084-3	REFERENCE MANUAL
	GQ40-9104	GH20-9104-3	GENERAL INFORMATION
	ST40-9173	SH20-9173-0	APPLICATION GUIDE
	ST40-9174	SH20-9174-0	ADMINISTRATIVE & CUSTOMER GUIDE
	LTB6-0039	LJB6-0039-0	FICHE
	LTB6-0040	LJB6-0040-0	PROGRAM LISTINGS
	LT60-8037	LY20-8037-1	LOGIC
	ST60-8076	SY20-8076-0	DIAGNOSTIC GUIDE
	GT00-0644	G320-5780-0	DB/DC PRIMER
	GT00-0645	G320-6017-0	DB/DC IMPLEMENTATION DATA DICT R2

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF DMS/CICS/VS (5746-XC4):

SLSS ID	PSEUDO #	EQUALS	TITLE
7799-DCD			
	SQ40-2207	SH20-2207-1	DESIGN GUIDE
	SQ40-2209	SH20-2209-1	REFERENCE MANUAL
	SQ40-2211	SH20-2211-2	OPERATOR'S GUIDE
	GT40-2195	GH20-2195-2	GENERAL INFORMATION
	GQ40-4561	GH20-4561-1	SPECIFICATIONS
	GT00-0643	GX20-2339-1	PANEL DESCRIPTION
	LTB0-2472	LYB0-2472-0	FICHE
	LQ60-2456	LY20-2456-1	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF DMS/CICS/VS DOS APPLICATION GENERATION FEATURE (5746-XC4):

SLSS ID	PSEUDO #	EQUALS	TITLE
7799-DAG			
	LTB0-2473	LYB0-2473-0	FICHE

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.1 OF VSE/PERF TOOL (5796-PLQ):

SLSS ID	PSEUDO #	EQUALS	TITLE
7799-DAT			
	ST40-2171	SH20-2171-1	DESCRIPTION/OPERATIONS
	LT60-2418	LY20-2418-1	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.4 OF CICS/VS PERF ANA II (5798-CFP):

SLSS ID	PSEUDO #	EQUALS	TITLE
7799-DAA			
	ST00-0648	SB21-1697-3	DESCRIPTION/OPERATIONS
	GT00-0649	GB21-1862-2	AVAILABILITY NOTICE

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF VSE/POWER/RJE (5746-XE3):

SLSS ID	PSEUDO #	EQUALS	TITLE
7799-DAR			
	ST32-5328	SH12-5328-0	USER'S GUIDE
	LTA2-5217	LYA2-5217-1	FICHE
	LT52-5034	LY12-5034-0	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF VSE RJE WORKSTATION (5746-RC9):

SLSS ID	PSEUDO #	EQUALS	TITLE
7799-DAW			
	GT40-2199	GH20-2199-0	GENERAL INFORMATION
	ST40-2205	SH20-2205-0	PROGRAMMER'S REFERENCE MANUAL
	ST40-2206	SH20-2206-0	OPERATOR'S GUIDE
	GT40-4557	GH20-4557-0	SPECIFICATIONS
	LT60-2455	LY20-2455-0	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 6.0 OF INTERACT INSTR SYS (5748-XX6):

SLSS ID	PSEUDO #	EQUALS	TITLE
7799-TA1			
	SQ40-1896	SH20-1896-1	ADMINISTRATOR'S GUIDE
	SQ40-1897	SH20-1897-2	AUTHORING GUIDE
	GQ40-4535	GH20-4535-5	SPECIFICATIONS
	LTB0-2380	LYB0-2380-1	CMS LISTINGS FICHE
	ST40-1904	SH20-1904-1	CICS OPERATOR'S GUIDE
	LTB0-2409	LYB0-2409-1	CICS ASSEMBLY LISTINGS FICHE
	LT60-2285	LY20-2285-0	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF VSE/DITTO (5746-UT3):

SLSS ID	PSEUDO #	EQUALS	TITLE
7799-DDD			
	GT39-6071	GH19-6071-0	SPECIFICATIONS
	GT39-6072	GH19-6072-0	GENERAL INFORMATION
	ST39-6073	SH19-6073-0	REFERENCE & OPERATIONS MANUAL
	LTD3-6000	LJD3-6000-0	FICHE
	LT59-6061	LY19-6061-0	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.5 OF DOS/V5 COBOL COMP & LIB (5746-CE1):

SLSS ID 7799-DAC

PSEUDO #	EQUALS	TITLE
GT28-6394	GC28-6394-6	DOS FULL ANS COBOL
ST28-6469	SC28-6469-3	VM/370 CMS USER'S GUIDE FOR COBOL
GT28-6478	GC28-6478-3	PROGRAMMER'S GUIDE
ST28-6479	SC28-6479-2	INSTALLATION REFERENCE MANUAL
GT28-6487	GC28-6487-2	SPECIFICATIONS
LTC7-5050	LYC7-5050-6	FICHE
LT68-6423	LY28-6423-1	LOGIC
LT68-6424	LY28-6424-1	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 3.0 OF DOS/V5 RPG II (5746-RG1):

SLSS ID 7799-TAR

PSEUDO #	EQUALS	TITLE
GT33-6029	GC33-6029-1	SPECIFICATIONS
SQ33-6031	SC33-6031-2	SYSTEM LIBRARY
ST00-0604	SC33-6032-2	INSTALLATION REFERENCE
SQ33-6033	SC33-6033-1	MESSAGES
SQ33-6034	SC33-6034-1	AUTO REPORT
ST33-6074	SC33-6074-0	USER'S GUIDE
LTD3-3800	LJD3-3800-2	MICROFICHE LISTINGS
LT00-0605	LY33-9062-2	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 5.1 OF DOS PL/1 OPT/LIB (5736-PL3):

SLSS ID 7799-DAP

PSEUDO #	EQUALS	TITLE
GT33-0005	GC33-0005-5	LANGAUAGE REFERENCE MANUAL
ST33-0008	SC33-0008-4	PROGRAMMER'S GUIDE
GQ33-0016	GC33-0016-10	SPECIFICATIONS
GT33-0017	GC33-0017-10	SPECIFICATIONS
GT33-0018	GC33-0018-10	SPECIFICATIONS
ST33-0019	SC33-0019-1	EXECUTION LOGIC
ST33-0020	SC33-0020-5	INSTALLATION MANUAL
ST33-0021	SC33-0021-4	MESSAGES
ST33-0035	SC33-0035-2	MESSAGES
LTC7-2501	LYC7-2501-5	RESIDENT FICHE
LTC7-2502	LYC7-2502-5	TRANSIENT FICHE
LTC7-2503	LYC7-2503-8	PROGRAM LISTINGS
LT73-6010	LY33-6010-1	LOGIC
LT73-6011	LY33-6011-1	LOGIC
LT73-6012	LY33-6012-1	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 5.1 OF DOS PL/1 OPT (5736-PL1):

SLSS ID 7799-DCP

PSEUDO #	EQUALS	TITLE
GT33-0005	GC33-0005-5	LANGAUAGE REFERENCE MANUAL
ST33-0008	SC33-0008-4	PROGRAMMER'S GUIDE
GQ33-0016	GC33-0016-10	SPECIFICATIONS
ST33-0019	SC33-0019-1	EXECUTION LOGIC
ST33-0020	SC33-0020-5	INSTALLATION MANUAL
ST33-0021	SC33-0021-4	MESSAGES
ST33-0051	SC33-0051-0	CMS USE'S GUIDE
LTC7-2503	LYC7-2503-8	LISTINGS
LT73-6010	LY33-6010-1	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 5.1 OF DOS PL/1 RES LIB (5736-LM4):

SLSS ID 7799-DDP

PSEUDO #	EQUALS	TITLE
ST33-0008	SC33-0008-4	PROGRAMMER'S GUIDE
GT33-0017	GC33-0017-10	SPECIFICATIONS
ST33-0019	SC33-0019-1	EXECUTION LOGIC
ST33-0020	SC33-0020-5	INSTALLATION MANUAL
ST33-0051	SC33-0051-0	CMS USER'S GUIDE
LTC7-2501	LYC7-2501-5	FICHE
LT73-6011	LY33-6011-1	LOGIC

THE FCLLOWING PUBLICATIONS SUPPORT RELEASE 5.1 OF DOS PL/1 TRANS LIB (5736-LM5):

SLSS ID 7799-DEP

PSEUDO #	EQUALS	TITLE
ST33-0008	SC33-0008-4	PROGRAMMER'S GUIDE
GT33-0018	GC33-0018-10	SPECIFICATIONS
ST33-0019	SC33-0019-1	EXECUTION LOGIC
ST33-0020	SC33-0020-5	INSTALLATION MANUAL
ST33-0035	SC33-0035-2	MESSAGES
ST33-0051	SC33-0051-0	CMS USER'S GUIDE
LTC7-2502	LYC7-2502-5	FICHE
LT73-6012	LY33-6012-1	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 3.0 OF DOS SORT/MERGE II (5746-SM2):

SLSS ID 7799-DAS

PSEUDO #	EQUALS	TITLE
SQ33-4044	SC33-4044-2	PROGRAMMER'S GUIDE
SQ33-4045	SC33-4045-2	INSTALLATION MANUAL
GQ33-4047	GC33-4047-2	SPECIFICATIONS
GT00-0646	GX33-8002-0	REFERENCE SUMMARY
LTC7-0905	LYC7-0905-2	ASSEMBLY LISTINGS
LQ73-8044	LY33-8044-2	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 3.0 OF EMUL FROG/V5 SCP (5747-AG1):

SLSS ID 7799-DA1

PSEUDO #	EQUALS	TITLE
GT00-0624	GA27-3051-4	INTRO TO 3704/3705 COMMU CONTROLLER
GT00-0622	GA27-3086-1	3704 USER'S GUIDE
GT00-0623	GA27-3087-3	3705 USER'S GUIDE
GT30-3005	GC30-3005-7	3704/3705 STORAGE & PERFORMANCE
GT00-0625	GC30-3008-5	3704/3705 REFERENCE MANUAL
ST70-3031	SY30-3031-1	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF VSE/ACCESS CONTROL - LOGGING & REPORTING (5746-XE7):

SLSS ID 7799-DA1

PSEUDO #	EQUALS	TITLE
GT32-5045	GH12-5045-0	PROGRAM DESIGN OBJECTIVE
GT32-5130	GH12-5130-0	GENERAL INFORMATION
GT32-5241	GH12-5241-0	SPECIFICATIONS
ST32-5336	SH12-5336-0	OPERATIONS MANUAL
LTC7-0465	LYC7-0465-0	FICHE
LT52-5032	LY12-5032-0	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 3.0 OF VS/APL (5748-AP1):

SLSS ID 7799-TAA

PSEUDO #	EQUALS	TITLE
GT26-3847	GC26-3847-4	LANGUAGE REFERENCE
GT40-9064	GH20-9064-4	GENERAL INFORMATION
ST40-9065	SH20-9065-4	INSTALLATION REFERENCE
SQ40-9066	SH20-9066-2	VS APL FOR VSPC: TERMINAL USER'S GUIDE
ST40-9067	SH20-9067-2	VS APL FOR CMS: TERMINAL USER'S GUIDE
ST40-9068	SH20-9068-1	WRITING AUXILIARY PROCESSORS
GT40-9086	GH20-9086-5	SPECIFICATIONS
ST40-9167	SH20-9167-0	CICS/VS TERMINAL USER'S GUIDE
ST40-9168	SH20-9168-0	WRITING AUXILIARY PROCESSORS
ST00-0602	SX26-3712-2	REFERENCE SUMMARY
LTB0-8040	LYB0-8040-4	SOURCE LISTINGS
LT60-8032	LY20-8032-1	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF ACF/NCP/VS (5735-XX1):

SLSS ID 7799-DAN

PSEUDO #	EQUALS	TITLE
ST30-3116	SC30-3116-1	GENERATION & UTILITIES
ST30-3142	SC30-3142-1	INSTALLATION
ST30-3143	SC30-3143-0	UTILITIES
ST30-3145	SC30-3145-0	MESSAGES
LTD2-4141	LJD2-4141-2	LISTINGS
LT70-3041	LY30-3041-0	LOGIC
LT70-3043	LY30-3043-1	REFERENCE SUMMARY

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF ACF/NCP/VS & SSP FOR ACF/NCP/VS (5735-XX3):

SLSS ID 7799-DCN

PSEUDO #	EQUALS	TITLE
GT00-0623	GA27-3087-3	3705 COMMU CONTROL PANEL GUIDE
ST30-3142	SC30-3142-1	PROGRAM INSTALLATION
ST30-3143	SC30-3143-0	UTILITIES
ST30-3145	SC30-3145-0	MESSAGES
LTD2-4143	LJD2-4143-2	ASSEMBLY LISTINGS

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF ACF/NCP/VS & NCP/SSP SCP (5747-CH1):

NO SLSS ID REQUIRED

PSEUDO #	EQUALS	TITLE
GT30-9531	GC30-9531-1	SPECIFICATIONS (NOT AVAILABLE UNDER SLSS)

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE IR11 OF DOS/VS HOST SUPPORT (LPCX) (5747-BQ1):
 SLSS ID ~~7799-DA4~~

PSEUDO #	EQUALS	TITLE
GT22-9027	GC22-9027-2	3790/SNA INSTALLATION GUIDE
GT22-9030	GC22-9030-1	3790-V6 PROGRAMMING STATEMENTS GUIDE
GT22-9031	GC22-9031-1	3790-V6 PROGRAMMING REFERENCE MANUAL
GT22-9032	GC22-9032-1	3790-V6 HOST SERVICES GUIDE
GT22-9033	GC22-9033-1	3790-V6 HOST PROGRAMMER'S GUIDE
GT22-9054	GC22-9054-1	RELEASE GUIDE
GT22-9065	GC22-9065-1	3790 HOST SERVICES GUIDE
GT22-9070	GC22-9070-1	USER'S GUIDE
GT22-9071	GC22-9071-3	SPECIFICATIONS (NOT AVAILAELE UNDER SLSS)
GT22-9082	GC22-9082-1	STATEMENTS REFERENCE
GT22-9083	GC22-9083-0	INTRODUCTION
GT22-9084	GC22-9084-1	MESSAGES
GT22-9085	GC22-9085-2	GUIDE & REFERENCE
GT30-3028	GC30-3028-4	3773/74/75 PROGRAMMER'S GUIDE
GT00-0650	GX23-0205-6	3790 LIBRARY REFERENCE SUMMARY
GT00-0651	GX27-0012-1	DPCX REFERENCE SUMMARY
GT00-0652	GX27-2992-2	3790-V6 SYSIMOD WORKSHEETS
ST67-2472	SY27-2472-4	3770/3790 HOST SERVICES LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 4.0 OF DOS/VS HOST SUPPORT (CPCX) & SUBSYSTEM SUPPORT SERV SCP (5747-CC6):
 SLSS ID ~~7799-DA5~~

PSEUDO #	EQUALS	TITLE
GT00-0653	GC30-3022-5	USER'S GUIDE
GT00-0654	GC38-1011-4	MESSAGES GUIDE
STB1-0401	SJB1-0401-0	LISTINGS

COMPLETE VSE SYSTEM PRODUCTIVITY OPTION/EXTENDED (VSE SYSTEM IPO/E) RELEASE 2.1

SYSTEM LIBRARY SUBSCRIPTION SERVICE IDENTIFIER (SLSS ID) REQUIRED TO OBTAIN PROFILED DOCUMENTATION FROM MECHANICSBURG.

NOTE: SCP SPECIFICATIONS NOT AVAILABLE UNDER SLSS

BASE CONTENT

PROG. PROD. (NAME)	PP NUMBER	SLSS ID	RELEASE LEVEL
DOS/VSE	5745-030	7799-DB1	2.0
VSE/ADVANCED FUNCTIONS	5746-XE8	7799-DBA	2.0
VSE/IPCS	5746-SA1	7799-DBX	2.0
VSE/ICCF	5746-TS1	7799-DBF	2.0
VSE/POWER	5746-XE3	7799-DBP	2.0
VSE/VSAM	5746-AM2	7799-DBM	2.0
INTERACT PROD FACIL	5748-MS1	**	3.0
CICS/DOS/VS	5746-XX3	7799-DBG	1.5
DL/I DOS/VS	5746-XX1	7799-DBL	1.5 CR2
ACF/VTAM	5746-RC3	7799-DBV	2.0
& VTAM SCP	5747-CF1	**	2.0
ACF/VTAME	5746-RC7	7799-DBE	1.0
& VTAM SCP	5747-CG2	**	1.0
BTAM-ES	5746-RC5	7799-DBB	1.0
& BTAM SCP	5747-CG1	**	1.0

FEATURES

PROG. PROD. (NAME)	PP NUMBER	SLSS ID	RELEASE LEVEL
VSE/FASTCOPY	5746-AM4	7799-DAF	1.0
DATA DICTIONARY	5746-XXC	7799-DED	3.0
DMS/CICS/VS	5746-XC4	7799-DCD	2.0
DMS/CICS/VS DOS APPLI GEN FEAT	5746-XC4	7799-DAG	2.0
VSE/POWER/RJE	5746-XE3	7799-DAR	2.0
VSE/DITTO	5746-UT3	7799-DDD	1.0
DOS/VS COBOL COMPIL & LIB	5746-CB1	7799-DAC	2.5
RPG II	5746-RG1	7799-TAR	3.0
DOS PL/1 OPT/LIB	5736-PL3	7799-DAP	5.1
DOS PL/1 OPT	5736-PL1	7799-DCP	5.1
DOS PL/1 RES LIB	5736-LM4	7799-DDP	5.1
DOS PL/1 TRANS LIB	5736-LM5	7799-DEP	5.1
DOS/VS SORT/MERGE II	5746-SM2	7799-DAS	3.0
EMUL PROG/VS SCP	5747-AG1	7799-DA1	3.0
VSE/ACCESS CONTROL- LOGGING & REPORTING	5746-XE7	7799-DAL	1.0
ACF/NCP/VS	5735-XX1	7799-DAN	2.1
& SSP FOR ACF/NCP/VS	5735-XX3	7799-DCN	2.1
& NCP/SSP SCP	5747-CH1	**	2.1
& EP FEATURE 6004 SCP	5747-CH1	**	2.1
ELIAS I	5746-XXV	7799-DAE	1.0

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF DOS/VSE (5745-030):

SLSS ID 7799-DB1

PSEUDO #	EQUALS	TITLE
N/A	GC20-1873-2	VSE SYSTEM IPO/EXTENDED GENERAL INFO
GT00-0704	GC20-1875-3	DOS/VSE SYSTEM IPO/EXTENDED PLNGD
N/A	GC20-1876-0	VM/DOS/VSE SYSTEM IPO/EXTENDED PLNGD
GT24-5138	GC24-5138-0	DATA MANAGEMENT CONCEPTS
GT24-5139	GC24-5139-0	MACRO USER'S GUIDE
GT24-5140	GC24-5140-0	MACRO REFERENCE
GQ26-3855	GC26-3855-2	OS/VS & DOS/VSE AP-1 USER'S GUIDE
GQ28-0772	GC28-0772-2	OS/VS EREP
GT00-0656	GC33-4024-3	GUIDE TO THE DOS/VSE ASSEMBLER
GT00-0657	GC33-5383-3	OLTEP
GT33-6047	GC33-6047-1	ENTRY USER'S GUIDE
GQ33-6077	GC33-6077-1	DATA SECURITY UNDER THE VSE SYSTEM
GT33-6109	GC33-6109-0	SCP SPECS (NOT AVAILABLE UNDER SLSS)
GQ38-1045	GC38-1045-2	EREP MESSAGES
LT73-9101	LX33-9101-0	HANDBOOK

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF VSE/ADVANCED FUNCTION (5746-XE8):
 SLSS ID 7799-DBA

PSEUDO #	EQUALS	TITLE
GT20-1879	GC20-1879-0	FIXED BLOCK DASD INSTALL/CONV GUIDE
GT24-5209	GC24-5209-0	DATA MANAGEMENT CONCEPTS
ST24-5210	SC24-5210-0	MACRO USER'S GUIDE
ST24-5211	SC24-5211-0	MACRO REFERENCE
ST24-5212	SC24-5212-0	TAPE LABELS
ST24-5213	SC24-5213-0	DASD LABELS
ST33-6094	SC33-6094-0	SYSTEM MANAGEMENT GUIDE
ST33-6095	SC33-6095-0	SYSTEM CONTROL STATEMENTS
ST33-6096	SC33-6096-0	SYSTEM GENERATION
ST33-6097	SC33-6097-0	OPERATING PROCEDURES
ST33-6098	SC33-6098-0	MESSAGES
ST33-6099	SC33-6099-0	SERVICEABILITY AIDS & DEBUG PROCEDURES
ST33-6100	SC33-6100-0	SYSTEM UTILITIES
ST33-6101	SC33-6101-0	PROGRAMMER'S GUIDE
GT33-6102	GC33-6102-1	SPECIFICATIONS
GT33-6106	GC33-6106-0	GENERAL INFORMATION
ST33-6107	SC33-6107-0	SYSTEM INFORMATION
GT33-6108	GC33-6108-0	INTRODUCTION TO THE VSE SYSTEM
ST33-6112	SC33-6112-0	DIAGNOSIS GUIDE
GT35-0033	GC35-0033-2	DEVICE SUPPORT FACILITIES
LTC7-2010	LYC7-2010-0	ATTENTION ROUTINES
LTC7-2011	LYC7-2011-0	ASSEMBLER
LTC7-2012	LYC7-2012-0	CHECKPOINT/RESTART
LTC7-2013	LYC7-2013-0	DIRECT ACCESS METHOD
LTC7-2014	LYC7-2014-0	DYNAMIC DUMP UTILITY
LTC7-2015	LYC7-2015-0	DISKETTE IOCS
LTC7-2016	LYC7-2016-0	DISTRIBUTION PROGRAM
LTC7-2017	LYC7-2017-0	DISK ERROR RECOVERY PROCEDURES
LTC7-2018	LYC7-2018-0	DISPLAY OPERATOR CONSOLE
LTC7-2019	LYC7-2019-0	DEVICE SUPPORT FACILITIES
LTC7-2020	LYC7-2020-0	SEQUENTIAL DISK IOCS
LTC7-2021	LYC7-2021-0	EREPI
LTC7-2022	LYC7-2022-0	COMPILER I/O MODULES
LTC7-2023	LYC7-2023-0	IOCS & DEVICE INDEPENDENT I/O
LTC7-2024	LYC7-2024-0	IPL & BUFFER LOAD
LTC7-2025	LYC7-2025-0	ISAM
LTC7-2026	LYC7-2026-0	JOB CONTROL
LTC7-2027	LYC7-2027-0	LIBRARIAN
LTC7-2028	LYC7-2028-0	LINKAGE EDITOR
LTC7-2029	LYC7-2029-0	MAGNETIC CHARACTER RECOGNITION IOCS
LTC7-2030	LYC7-2030-0	OPTICAL CHARACTER RECOGNITION IOCS
LTC7-2031	LYC7-2031-0	ONLINE TEST EXEC
LTC7-2032	LYC7-2032-0	PROBLEM DETERMINATION AIDS
LTC7-2033	LYC7-2033-0	PAPER TAPE IOCS
LTC7-2034	LYC7-2034-0	RECOVERY MANAGEMENT SUPPORT
LTC7-2035	LYC7-2035-0	SPECIFIC DEVICE SUPPORT
LTC7-2036	LYC7-2036-0	SUPERVISOR
LTC7-2037	LYC7-2037-0	MAGNETIC TAPE IOCS
LTC7-2038	LYC7-2038-0	TAPE ERROR RECOVERY PROCEDURES
LTC7-2039	LYC7-2039-0	SYSTEM UTILITY
LTC7-2040	LYC7-2040-0	MAINTAIN SYSTEM HISTORY
LT64-5209	LY24-5209-0	LIOCS VOL1 GEN INFO & IMPERATIVE MACROS
LT64-5210	LY24-5210-0	LIOCS VOL2 SAM
LT64-5211	LY24-5211-0	LIOCS VOL3 SAM AND ISAM
LT64-5212	LY24-5212-0	DIRECT & SEQUENTIAL DASD LOGIC
LT73-9083	LY33-9083-0	LOGICAL TRANSIENTS AND \$IJBSxxx PHASES
LT73-9084	LY33-9084-0	INITIAL PROGRAM LOAD AND JOB CONTROL
LT73-9085	LY33-9085-0	LINKAGE EDITOR
LT73-9086	LY33-9086-0	SERVICEABILITY AIDS
LT73-9087	LY33-9087-0	LIBRARIAN
LT73-9088	LY33-9088-0	SYSTEM UTILITIES
LT73-9089	LY33-9089-0	MAINTAIN SYSTEM HISTORY
LT73-9091	LY33-9091-0	SUPERVISOR
LT73-9092	LY33-9092-0	ERROR RECOVERY & RECORDING TRANSIENTS

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF VSE/IPCS (5746-SA1):
 SLSS ID 7799-DBX

PSEUDO #	EQUALS	TITLE
SC34-2015	SC34-2015-1	USER'S GUIDE & REFERENCE
GT34-2017	GC34-2017-2	GENERAL INFORMATION MANUAL
GQ34-2021	GC34-2021-1	SPECIFICATIONS
N/A	LJA0-0303-1	FICHE
LQ65-0004	LY25-0004-1	LOGIC
LQ73-9095	LY33-9095-1	HANDBOOK

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF VSE/ICCF (5746-TS1):

SLSS ID 7789-DBF

PSEUDO #	EQUALS	TITLE
GQ33-6065	GC33-6065-2	SPECIFICATIONS
GQ33-6066	GC33-6066-1	GENERAL INFORMATION
SQ33-6067	SC33-6067-1	INSTALLATION REFERENCE
SQ33-6068	SC33-6068-1	TERMINAL USER'S GUIDE
SQ33-6069	SC33-6069-1	MESSAGES
ST00-0647	SX33-9006-1	REFERENCE SUMMARY
LTC3-9093	LYC3-9093-0	FICHE
LTC7-0468	LYC7-0468-0	LISTINGS
LT73-9081	LY33-9081-1	LOGIC VOL 1
LT73-9093	LY33-9093-0	LOGIC VOL 2
LT73-9096	LY33-9096-1	HANDBOOK

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF VSE/POWER (5746-XE3):

SLSS ID 7799-DBP

PSEUDO #	EQUALS	TITLE
GT32-5131	GH12-5131-2	GENERAL INFORMATION
GT32-5242	GH12-5242-1	SPECIFICATIONS
SQ32-5329	SH12-5329-1	INSTALLATION & OPERATIONS GUIDE
ST32-5330	SH12-5330-0	SHARED SPOOLING USER'S GUIDE
SQ32-5520	SH12-5520-1	MESSAGES
LTA2-5216	LYA2-5216-1	FICHE
LQ52-5027	LY12-5027-1	LOGIC VOL 1
LQ52-5028	LY12-5028-1	LOGIC VOL 2
LQ73-9094	LY33-9094-1	HANDBOOK

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF VSE/VSAM (5746-AM2):

SLSS ID 7789-DBM

PSEUDO #	EQUALS	TITLE
GT24-5142	GC24-5142-0	SPECIFICATIONS
SQ24-5144	SC24-5144-1	COMMANDS & MACROS
SQ24-5145	SC24-5145-1	PROGRAMMER'S REFERENCE
SQ24-5146	SC24-5146-1	MESSAGES & CODES
LQB4-6102	LYB4-6102-1	SOURCE LISTINGS
LQ64-5191	LY24-5191-1	LOGIC VOLUME 1 LOGIC
LQ64-5192	LY24-5192-1	LOGIC VOLUME 2 LOGIC
LQ64-5195	LY24-5195-1	ACCESS METHODS LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 3.0 OF INTERACT PROD FACIL (5748-MS1):

NO SLSS ID REQUIRED (USE PP NUMBER)

PSEUDO #	EQUALS	TITLE
N/A	GH20-5306-0	SPECIFICATIONS
N/A	GX20-2343-1	SUMMARY CARD
N/A	SX20-2346-0	TEMPLATE FOR 3277
N/A	SX20-2355-0	TEMPLATE FOR 3276/78
N/A	LYB0-2485-2	LOGIC/PANELS
N/A	LYB0-2486-1	ASSEMBLY LISTINGS

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.5 OF CICS/VS (5746-XX3):

SLSS ID 7789-DBG

PSEUDO #	EQUALS	TITLE
GT00-0687	GC33-0066-5	GENERAL INFORMATION
ST00-0689	SC33-0068-2	SYS/APPLI DESIGN GUIDE
ST00-0688	SC33-0069-3	SYS PROGRAMMER'S REF MAN
ST00-0690	SC33-0070-3	DOS/VS SYS PROGR REFMAN
ST00-0691	SC33-0077-2	APPLI PROG REF MANUAL
ST00-0692	SC33-0079-2	PROGRAM REFERENCE MANUAL
ST00-0693	SC33-0080-2	OPERATOR'S GUIDE
ST00-0694	SC33-0081-2	MESSAGES & CODES
SQ33-0085	SC33-0085-1	RPGII APPLI PROGR REF MANL
SQ33-0086	SC33-0086-1	ENTRY LVI SYS UGD (DOS)
SQ33-0089	SC33-0089-1	PROBLEM DETERMINATION GUIDE
ST00-0695	SX33-6010-3	DEBUG REF SUMM
ST00-0696	SX33-6011-3	TERMINAL OPERATOR REFERENCE
GT00-0697	GX33-6012-3	APPLI PROG'S REF SUMM
LQ73-6033	LY33-6033-1	DOS/VS DATA AREAS LOGIC
LTA4-3007	LYA4-3007-0	CICS/DOS/VS LISTINGS

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.5 ICR2 OF DL/I DOS/VS (5746-XX1):

SLSS ID 7789-DBL

PSEUDO #	EQUALS	TITLE
GT40-1246	GH20-1246-7	GENERAL INFORMATION
GQ40-4642	GH20-4642-2	SPECIFICATIONS
ST44-5009	SH24-5009-0	USER'S GUIDE
ST44-5010	SH24-5010-0	PROGRAMMER'S GUIDE
SI44-5002	SH24-5002-2	DIAGNOSTIC GUIDE
LQB4-6103	LYB4-6103-2	FICHE

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF ACF/VTAM (5746-RC3): TNLGN20-0024(31 July 81) to GC20-0001-3
SLSS ID 7799-DBV

PSEUDO #	EQUALS	TITLE
ST27-0449	SC27-0449-1	PROGRAMMING REFERENCE
GT27-0460	GC27-0460-0	SPECIFICATIONS
GT27-0462	GC27-0462-1	GENERAL INFORMATION: INTRODUCTION
GT27-0463	GC27-0463-0	GENERAL INFORMATION: CONCEPTS
ST27-0464	SC27-0464-0	INSTALLATION MANUAL
ST27-0465	SC27-0465-0	PREINSTALLATION PLANNING
SI27-0466	SC27-0466-1	OPERATIONS MANUAL
SI27-0467	SC27-0467-1	MESSAGES & CODES
LTB1-0408	LJB1-0408-0	ASSEMBLY LISTINGS
ST00-0640	SX27-0003-0	REFERENCE SUMMARY
LT00-0641	LX27-0004-0	CONTROL PANEL OVERVIEW
SI78-3020	SY38-3020-0	DIAGNOSTIC TECHNIQUES
LT78-3021	LY38-3021-0	LOGIC OVERVIEW
LT78-3022	LY38-3022-0	LOGIC VOL 1
LT78-3024	LY38-3024-0	LOGIC VOL 2
LT78-3026	LY38-3026-1	DATA AREAS

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF ACF/VTAM & VTAM SCP (5747-CF1):
NO SLSS ID REQUIRED

PSEUDO #	EQUALS	TITLE
GT27-0459	GC27-0459-0	SPECS (NOT AVAILABLE UNDER SLSS)

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF ACF/VTAME (5746-RC7):
SLSS ID 7799-DBE

PSEUDO #	EQUALS	TITLE
GT27-0437	GC27-0437-1	SPECIFICATIONS
GT27-0438	GC27-0438-0	GENERAL INFORMATION: INTRODUCTION
ST27-0439	SC27-0439-0	INSTALLATION
ST27-0441	SC27-0441-0	PREINSTALLATION
SI27-0442	SC27-0442-1	PROGRAMMING
SI27-0443	SC27-0443-0	OPERATION
SI27-0444	SC27-0444-1	MESSAGES & CODES
GT27-0451	GC27-0451-0	GENERAL INFORMATION: CONCEPTS
LTB1-0458	LJB1-0458-0	ASSEMBLY LISTINGS
SI00-0642	SX27-3032-0	REFERENCE SUMMARY
ST78-3012	SY38-3012-0	DIAGNOSTIC TECHNIQUES
LT78-3013	LY38-3013-1	LOGIC OVERVIEW
LT78-3014	LY38-3014-0	LOGIC BASIC
LT78-3016	LY38-3016-1	DIAGNOSTIC DATA AREAS

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF ACF/VTAME & VTAM SCP (5747-CG2):
NO SLSS ID REQUIRED

PSEUDO #	EQUALS	TITLE
GT27-0440	GC27-0440-1	SPECS (NOT AVAILABLE UNDER SLSS)

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF BTAME-ES (5746-RC5):
SLSS ID 7799-DBB

PSEUDO #	EQUALS	TITLE
GT38-0291	GC38-0291-0	SPECIFICATIONS
GT38-0292	GC38-0292-0	GENERAL INFORMATION
SI38-0293	SC38-0293-0	PROGRAMMING REFERENCE
ST38-0294	SC38-0294-0	INSTALLATION
ST38-0295	SC38-0295-0	MESSAGES
LTB1-0407	LJB1-0407-0	ASSEMBLY LISTINGS
LT77-8030	LY27-8030-0	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF BTAM-ES & BTAM SCP (5747-CG1):
NO SLSS ID REQUIRED

PSEUDO #	EQUALS	TITLE
GT38-0296	GC38-0296-0	SPECS (NOT AVAILABLE UNDER SLSS)

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF VSE/FASTCOPY (5746-AM4):
SLSS ID 7799-DAF

PSEUDO #	EQUALS	TITLE
GT33-6080	GC33-6080-1	SPECIFICATIONS
GT33-6081	GC33-6081-0	GENERAL INFORMATION
ST33-6082	SC33-6082-0	INSTALLATION REFERENCE MANUAL
LTC7-0469	LYC7-0469-0	FICHE
LT73-9090	LY33-9090-0	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 3.0 OF DATA DICTIONARY (5746-XXC):
SLSS ID 7799-DED

PSEUDO #	EQUALS	TITLE
GT40-4510	GH20-4510-2	SPECIFICATIONS
ST40-9083	SH20-9083-2	USER'S GUIDE
ST40-9084	SH20-9084-3	REFERENCE MANUAL
GQ40-9104	GH20-9104-3	GENERAL INFORMATION
ST40-9173	SH20-9173-0	APPLICATION GUIDE
ST40-9174	SH20-9174-0	ADMINISTRATIVE & CUSTOMER GUIDE
LTB6-0039	LJB6-0039-0	FICHE
LTB6-0040	LJB6-0040-0	PROGRAM LISTINGS
LT60-8037	LY20-8037-1	LOGIC
ST60-8076	SY20-8076-0	DIAGNOSTIC GUIDE
GT00-0644	G320-5780-0	DE/DC PRIMER
GT00-0645	G320-6017-0	DB/DC IMPLEMENTATION DATA DICT R2

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF DMS/CICS/V5 (5746-XC4):

SLSS ID 7799-DCD

PSEUDO #	EQUALS	TITLE
SQ40-2207	SH20-2207-1	DESIGN GUIDE
SQ40-2209	SH20-2209-1	REFERENCE MANUAL
SQ40-2211	SH20-2211-2	OPERATOR'S GUIDE
GT40-2195	GH20-2195-2	GENERAL INFORMATION
GQ40-4561	GH20-4561-1	SPECIFICATIONS
GT00-0643	GX20-2339-1	PANEL DESCRIPTION
LTB0-2472	LYB0-2472-0	FICHE
LQ60-2456	LY20-2456-1	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF DMS/CICS/V5 DOS APPLICATION GENERATION FEATURE (5746-XC4):

SLSS ID 7799-DAG

PSEUDO #	EQUALS	TITLE
LTB0-2473	LYB0-2473-0	FICHE

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF VSE/POWER/RJE (5746-XE3):

SLSS ID 7799-DAR

PSEUDO #	EQUALS	TITLE
ST32-5328	SH12-5328-0	USER'S GUIDE
LTA2-5217	LYA2-5217-1	FICHE
LT52-5034	LY12-5034-0	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF VSE/DITTO (5746-UT3):

SLSS ID 7799-DDD

PSEUDO #	EQUALS	TITLE
GT39-6071	GH19-6071-0	SPECIFICATIONS
GT39-6072	GH19-6072-0	GENERAL INFORMATION
ST39-6073	SH19-6073-0	REFERENCE & OPERATIONS MANUAL
LTD3-6000	LJD3-6000-0	FICHE
LT59-6061	LY19-6061-0	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.5 OF DOS/V5 COBOL COMP & LIB (5746-CB1):

SLSS ID 7799-DAC

PSEUDO #	EQUALS	TITLE
GT28-6394	GC28-6394-6	DOS FULL ANS COBOL
ST28-6469	SC28-6469-3	VM/370 CMS USER'S GUIDE FOR COBOL
GT28-6478	GC28-6478-3	PROGRAMMER'S GUIDE
ST28-6479	SC28-6479-2	INSTALLATION REFERENCE MANUAL
GT28-6487	GC28-6487-2	SPECIFICATIONS
LTC7-5050	LYC7-5050-6	FICHE
LT68-6423	LY28-6423-1	LOGIC
LT68-6424	LY28-6424-1	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 3.0 OF DOS/V5 RPG II (5746-RG1):

SLSS ID 7799-TAR

PSEUDO #	EQUALS	TITLE
GT33-6029	GC33-6029-1	SPECIFICATIONS
SQ33-6031	SC33-6031-2	SYSTEM LIBRARY
ST00-0604	SC33-6032-2	INSTALLATION REFERENCE
SQ33-6033	SC33-6033-1	MESSAGES
SQ33-6034	SC33-6034-1	AUTO REPORT
ST33-6074	SC33-6074-0	USER'S GUIDE
LTD3-3800	LJD3-3800-2	MICROFICHE LISTINGS
LT00-0605	LY33-9062-2	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 5.1 OF DOS PL/1 OPT/LIB (5736-PL3):

SLSS ID 7799-DAP

PSEUDO #	EQUALS	TITLE
GT33-0005	GC33-0005-5	LANGAUAGE REFERENCE MANUAL
ST33-0008	SC33-0008-4	PROGRAMMER'S GUIDE
GQ33-0016	GC33-0016-10	SPECIFICATIONS
GT33-0017	GC33-0017-10	SPECIFICATIONS
GT33-0018	GC33-0018-10	SPECIFICATIONS
ST33-0019	SC33-0019-1	EXECUTION LOGIC
ST33-0020	SC33-0020-5	INSTALLATION MANUAL
ST33-0021	SC33-0021-4	MESSAGES
ST33-0035	SC33-0035-2	MESSAGES
LTC7-2501	LYC7-2501-5	RESIDENT FICHE
LTC7-2502	LYC7-2502-5	TRANSIENT FICHE
LTC7-2503	LYC7-2503-8	PROGRAM LISTINGS
LT73-6010	LY33-6010-1	LOGIC
LT73-6011	LY33-6011-1	LOGIC
LT73-6012	LY33-6012-1	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 5.1 OF DOS PL/1 OPT (5736-PL1):

SLSS ID 7799-DCP

PSEUDO #	EQUALS	TITLE
GT33-0005	GC33-0005-5	LANGAUAGE REFERENCE MANUAL
ST33-0008	SC33-0008-4	PROGRAMMER'S GUIDE
GQ33-0016	GC33-0016-10	SPECIFICATIONS
ST33-0019	SC33-0019-1	EXECUTION LOGIC
ST33-0020	SC33-0020-5	INSTALLATION MANUAL
ST33-0021	SC33-0021-4	MESSAGES
ST33-0051	SC33-0051-0	CMS USE'S GUIDE
LTC7-2503	LYC7-2503-8	LISTINGS
LT73-6010	LY33-6010-1	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 5.1 OF DOS PL/1 RES LIB (5736-LM4):

SLSS ID 7799-DDP

PSEUDO #	EQUALS	TITLE
ST33-0008	SC33-0008-4	PROGRAMMER'S GUIDE
GT33-0017	GC33-0017-10	SPECIFICATIONS
ST33-0019	SC33-0019-1	EXECUTION LOGIC
ST33-0020	SC33-0020-5	INSTALLATION MANUAL
ST33-0051	SC33-0051-0	CMS USER'S GUIDE
LTC7-2501	LYC7-2501-5	FICHE
LT73-6011	LY33-6011-1	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 5.1 OF DOS PL/1 TRANS LIB (5736-LM5):

SLSS ID 7799-DEP

PSEUDO #	EQUALS	TITLE
ST33-0008	SC33-0008-4	PROGRAMMER'S GUIDE
GT33-0018	GC33-0018-10	SPECIFICATIONS
ST33-0019	SC33-0019-1	EXECUTION LOGIC
ST33-0020	SC33-0020-5	INSTALLATION MANUAL
ST33-0035	SC33-0035-2	MESSAGES
ST33-0051	SC33-0051-0	CMS USER'S GUIDE
LTC7-2502	LYC7-2502-5	FICHE
LT73-6012	LY33-6012-1	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 3.0 OF DOS SORT/MERGE II (5746-SM2):

SLSS ID 7799-DAS

PSEUDO #	EQUALS	TITLE
SC33-4044	SC33-4044-2	PROGRAMMER'S GUIDE
SC33-4045	SC33-4045-2	INSTALLATION MANUAL
GQ33-4047	GC33-4047-2	SPECIFICATIONS
GT00-0646	GX33-8002-0	REFERENCE SUMMARY
LTC7-0905	LYC7-0905-2	ASSEMBLY LISTINGS
LQ73-8044	LY33-8044-2	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 3.0 OF EMUL PROG/V5 SCP (5747-AG1):

SLSS ID 7799-DA1

PSEUDO #	EQUALS	TITLE
GT00-0624	GA27-3051-4	INTRO TO 3704/3705 COMMU CONTROLLER
GT00-0622	GA27-3086-1	3704 USER'S GUIDE
GT00-0623	GA27-3087-3	3705 USER'S GUIDE
GT30-3005	GC30-3005-7	3704/3705 STORAGE & PERFORMANCE
GT00-0625	GC30-3008-5	3704/3705 REFERENCE MANUAL
ST70-3031	SY30-3031-1	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF VSE/ACCESS CONTROL - LOGGING & REPORTING (5746-XE7):

SLSS ID 7799-DAL

PSEUDO #	EQUALS	TITLE
GT32-5045	GH12-5045-0	PROGRAM DESIGN OBJECTIVE
GT32-5130	GH12-5130-0	GENERAL INFORMATION
GT32-5241	GH12-5241-0	SPECIFICATIONS
ST32-5336	SH12-5336-0	OPERATIONS MANUAL
LTC7-0465	LYC7-0465-0	FICHE
LT52-5032	LY12-5032-0	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.1 OF ACP/NCP/V5 (5735-XX1):

SLSS ID 7799-DAN

PSEUDO #	EQUALS	TITLE
GT30-9530	GC30-9530-1	SPECIFICATIONS
ST30-3116	SC30-3116-1	GENERATION & UTILITIES
ST30-3142	SC30-3142-1	INSTALLATION
ST30-3143	SC30-3143-0	UTILITIES
ST30-3145	SC30-3145-0	MESSAGES
LTD2-4141	LJD2-4141-2	LISTINGS
LT70-3041	LY30-3041-0	LOGIC
LT70-3043	LY30-3043-1	REFERENCE SUMMARY

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.1 OF ACP/NCP/V5 & SSP FOR ACP/NCP/V5 (5735-XX3):

SLSS ID 7799-DCN

PSEUDO #	EQUALS	TITLE
GT00-0623	GA27-3087-3	3705 COMMU CONTROL PANEL GUIDE
ST30-3142	SC30-3142-1	PROGRAM INSTALLATION
ST30-3143	SC30-3143-0	UTILITIES
ST30-3145	SC30-3145-0	MESSAGES
LTD2-4143	LJD2-4143-2	ASSEMBLY LISTINGS
GT30-9529	GC30-9529-1	SPECIFICATIONS

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.1 OF ACP/NCP/V5 & NCP/SSP SCP (5747-CH1):

NO SLSS ID REQUIREE

PSEUDO #	EQUALS	TITLE
GT30-9531	GC30-9531-1	SPECS (NOT AVAILABLE UNDER SLSS)

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF ELIAS-1 (5746-XXV):

SLSS ID 7799-DAE

PSEUDO #	EQUALS	TITLE
SC39-6157	SH19-6157-1	GENERAL INFORMATION GUIDE
ST39-6158	SH19-6158-0	APPLICATION DESIGN GUIDE
ST39-6159	SH19-6159-0	COBOL APPLICATION PROGRS GD
ST39-6160	SH19-6160-0	PL/I APPLICATION PROGRS GD
ST39-6161	SH19-6161-0	SYSTEM ADMINISTRATOR'S GUIDE
ST39-6162	SH19-6162-0	COBOL SAMPLES BOOK
ST39-6163	SH19-6163-0	PL/I SAMPLES HANDBOOK
LT59-6121	LY19-6121-0	PROGRAM LOGIC MANUAL
LTA9-6133	LYA9-6133-0	MICROFICHE

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GC20-1800	VIRTUAL MACHINE FACILITY/370: INTRODUCTION
SD23-9000	SUPPLEMENT FOR VM/370 SEPP TO INTRODUCTION, 5748-XE1
ST83-9000	SUPPLEMENT FOR VM/370 SEPP TO INTRODUCTION, 5748-XE1 (SD23-9000-0)
SD23-9015	SUPPLEMENT FOR VM/370 BSEPP TO VM/370 INTRODUCTION, 5748-XX8
ST83-9015	SUPPLEMENT FOR VM/370 BSEPP TO VM/370 INTRODUCTION
GC20-1813	IBM VIRTUAL MACHINE FACILITY/370: GLOSSARY AND MASTER INDEX
GC20-1830	VM/370 REL 5 PLC 1, SCP 5749-010, SPECIFICATIONS
GQ20-1830	VM/370 SYS CONTROL (GC20-1830-1)
GC20-1838	VIRTUAL MACHINE FACILITY/SYSTEM PRODUCT GENERAL INFORMATION MANUAL
**GC19-6200	VIRTUAL MACHINE/SYSTEM PRODUCT, LIC PROG 5664-167, INTRODUCTION
**GC19-6207	VM/SP, LIC PROG 5664-167, GLOSSARY AND MASTER INDEX
**GC20-1842	VM/SP, LIC PROG 5664-167, SPECIFICATIONS
**SX20-4401	VM/SP, LIC PROG 5664-167, REFERENCE SUMMARY GENERAL USER
**SX20-4402	VM/SP, LIC PROG 5664-167, REFERENCE SUMMARY OTHER THAN GENERAL USER

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GT33-4010	OS/VS & VM/370 ASSEMBLER LANGUAGE: VS2 REL 1.6, 1.7; (GC33-4010-1)
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GQ33-4021	OS/VS1 & VM/370 ASSEMBLER PROGRAMMER'S GUIDE, VS2 REL 2 (GC33-4021-2)
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SY33-8041	OS/VS, VM/370 ASSEMBLER LOGIC
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GC24-5207	VIRTUAL MACHINE FACILITY/370: VM/PASS-THROUGH FACILITY, LIC PROG 5748-RC1, SPECIFICATIONS
**SC24-5208	VM/PASS-THROUGH REFERENCE GUIDE
**LY24-5208	VIRTUAL MACHINE FACILITY/370, VM/PASS THROUGH FACILITY LIC PROG 5748-RC1, LOGIC
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**SX24-5119	VIRTUAL MACHINE FACILITY/370: REMOTE SPOOLING COMMUNICATIONS SUBSYSTEM NETWORKING, LIC PROG 5748-XP1, REFERENCE SUMMARY
**ST00-0631	VIRTUAL MACHINE FACILITY/370 (VM/370) REMOTE SPOOLING COMMUNICATIONS SUBSYSTEM NETWORKING RELEASE 1, LIC PROG 5748-XP1, REFERENCE SUMMARY (SX24-5119-0)
**LY24-5203	VIRTUAL MACHINE FACILITY/370: REMOTE SPOOLING COMMUNICATIONS SUBSYSTEM NETWORKING, LIC PROG 5748-XP1, LOGIC

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GC20-1874	VM/SYSTEM PRODUCT SYSTEM IPO/E, LIC PROG 5748-MS1, PLANNING GUIDE (CURRENT RELEASE)
GC20-1876	VM/DOS/VSE SYSTEM IPO/EXTENDED PLANNING GUIDE
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 SD23-9001 SUPPLEMENT FOR VM/370 SEPP TO PLANNING & SYSTEM GENERATION GUIDE, 5748-XE1
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 LD23-9035 SUPPLEMENT FOR VM/370 SEPP TO DATA AREAS AND CONTROL BLOCK LOGIC
 SQ20-0884 VM/370 DATA AREAS AND CONTROL BLOCK LOGIC REL 4 (SY20-0884-2)
 LD23-9031 SUPPLEMENT FOR VM/370 BSEPP, 5748-XX8, TO DATA AREAS AND CONTROL BLOCK LOGIC
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 **SC19-6203 VIRTUAL MACHINE/SYSTEM PRODUCT VM/SP, LIC PROG 5664-167 SYSTEM PROGRAMMER'S
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 **SC19-6209 VIRTUAL MACHINE/SYSTEM PRODUCT (VM/SP) LIC PROG 5664-167, CMS COMMAND AND MACRO
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 **SC19-6211 VM/SP, LIC PROG 5664-167, CP COMMAND REFERENCE FOR GENERAL USERS
 **LY20-0891 VM/SP LIC PROG 5664-167, DATA AREAS AND CONTROL BLOCK LOGIC
 **LY20-0892 VM/SP LIC PROG 5664-167, SYSTEM LOGIC & PROBLEM DETERMINATION GUIDE VOL 1 - CP
 **LY20-0893 VM/SP, LIC PROG 5664-167, SYSTEM LOGIC & PROBLEM DETERMINATION GUIDE VOL 2-CMS

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**SC34-2047	SYSTEM PRODUCTIVITY FACILITY FOR VM/SP, LIC PROG 5668-009, PROGRAM REFERENCE
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 **SC24-5221 VIRTUAL MACHINE/SYSTEM PRODUCT, LIC PROG 5664-167 SYSTEM PRODUCT EDITOR COMMAND AND MACRO REFERENCE
 **SX24-5122 VM/SYSTEM PRODUCT, LIC PROG 5664-167, COMMAND LANGUAGE REFERENCE SUMMARY SYSTEM PRODUCT EDITOR
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 GQ20-1806 VM/370 OPERATOR'S GUIDE V1 R4 (GC20-1806-8)
 **GC20-1808 VIRTUAL MACHINE FACILITY/370: SYSTEM MESSAGES (CURRENT RELEASE)
 **GT20-1808 VIRTUAL MACHINE FACILITY/370 (VM/370) RELEASE 6.0, SCP 5749-010, SYSTEM MESSAGES (GC20-1808-10)
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 **SC19-6204 VM/SP, LIC PROG 5664-167, SYSTEM MESSAGES AND CODES
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 **LYC0-9006 RSCS NETWORKING RELEASE 2, LIC PROG 5748-XP1, LISTINGS
 **LTC0-9006 VIRTUAL MACHINE FACILITY/370 (VM/370) REMOTE SPOOLING COMMUNICATIONS SUBSYSTEM (RSCP) NETWORKING RELEASE 1.0, LIC PROG 5748-XP1, LISTINGS (LYC0-9006-0)
 **SYC0-9018 VM/370 SCP (CMS) 5749-010, LISTINGS
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 **LYC0-9014 VM/SYSTEM PRODUCT PP (CMS) 5664-167, LISTINGS
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 **LYB0-2482 SUPPORT AND STRUCTURED PROGRAMMING FACILITY CONVERSATIONAL MONITOR SYSTEM LIC PROG 5748-XT3 LISTINGS (CURRENT RELEASE)
 **SYB0-2540 VSE SYSTEM IPO/E & SYSTEM IPO VSE SUPERVISOR ASSEMBLY LISTINGS

COMPLETE VM SYSTEM PRODUCTIVITY OPTION/EXTENDED (VM SYSTEM IPO/E) RELEASE 2

SYSTEM LIBRARY SUBSCRIPTION SERVICE IDENTIFIER (SLSS ID) REQUIRED TO OBTAIN PROFILED DOCUMENTATION.

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VM/370	5749	7799-TBA	6.0
VM/BASIC SYSTEMS EXTENSIONS	5748-XX8	7799-TBB	2.0
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INTERACTIVE PRODUCTIVITY FACIL	5748-MS1	***	2.0
VM/IPCS EXTENSION	5748-SA1	7799-TBD	1.0

***SLSS ID NOT REQUIRED (TO OBTAIN PROFILED DOCUMENTATION USE PP NUMBER)

FEATURES

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DMS/CMS	5748-XXB	7799-TAD	1.0
FORTRAN (G1)	5734-FO2	7799-TAF	2.0
FORTRAN (MOD II) LIB.	5734-LM3	7799-TCF	2.3
FORTRAN INTERACTIVE DEBUG	5734-FO5	7799-TDF	2.1
COBOL	5740-CB1	7799-TAC	2.3
COBOL INTERACTIVE DEBUG	5734-CB4	7799-TCC	1.4
RPG II	5746-RG1	7799-TAR	3.0
PL/I OPTIMIZING COMPILER	5734-PL3	7799-TAP	3.1
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PL/I RESIDENT LIBRARY	5734-LM4	7799-TDP	3.1
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VM/370 PERFORMANCE/MONITOR ANAL	5798-CPX	7799-TGP	3.3
INTERAC. INSN. SYS.	5748-XX6	7799-TA1	6.0
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DOCUMENT COMPOSITION FACILITY	5748-XX9	7799-TCD	1.0
RSCS NETWORKING	5748-XP1	7799-TCR	1.0
EMUL PROG/VS	5744-AN1	7799-TAE	3.0
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VM/DIRECTORY MAINTENANCE	5748-XE4	7799-TDD	1.0

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 6.0 OF VM/370 (5749):

SLSS ID 7799-TBA	PSEUDO #	EQUALS	TITLE
	GT20-1801	GC20-1801-10	PLANNING & SYSTEM GENERATION GUIDE
	GT00-0610	GC20-1806-9	OPERATOR'S GUIDE
	GT20-1807	GC20-1807-7	SYSTEM PROGRAMMER'S GUIDE
	GT20-1808	GC20-1808-10	SYSTEM MESSAGES
	GT00-0611	GC20-1818-2	CMS COMMAND & MACRO REFERENCE
	GT00-0612	GC20-1819-2	CMS USER'S GUIDE
	GT00-0613	GC20-1820-3	CP COMMAND REFERENCE FOR GEN'L USER
	GT00-0614	GX20-1926-6	QUICK GUIDE REFERENCE SUMMARY
	*GT00-0627	GC20-1830-2	SYSTEM CONTROL SPECIFICATIONS

*NOT AVAILABLE VIA SLSS

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF VM BASIC SYS EXT. (5748-XX8):

SLSS ID 7799-TBB	PSEUDO #	EQUALS	TITLE
	GT20-1833	GC20-1833-4	LICENSED PROGRAM SPECIFICATIONS
	SQ83-9018	SD23-9018-1	SUPPLEMENT TO PROGRAMMER'S GUIDE
	SQ83-9023	SD23-9023-1	SUPPLEMENT TO CMS COMMAND & MACRO REF
	SQ83-9024	SD23-9024-1	SUPPLEMENT TO CMS USER'S GUIDE
	ST00-0615	SD23-9016-2	SUPPLEMENT TO PLANNING & SYS GEN GUIDE
	SQ83-9017	SD23-9017-1	SUPPLEMENT TO OPERATOR'S GUIDE
	SQ83-9025	SD23-9025-1	SUPPLEMENT TO GEN'L USER CP COMMAND
	LT83-9030	LD23-9030-0	SUPPLEMENT TO SERVICE ROUTINES LOGIC
	LT83-9031	LD23-9031-0	SUPPLEMENT TO DATA AREAS LOGIC
	LT83-9032	LD23-9032-0	SUPPLEMENT TO PROBLEM DETERM VOL 1
	LT83-9033	LD23-9033-0	SUPPLEMENT TO PROBLEM DETERM VOL 2
	LTC0-9005	LYC0-9005-0	SOURCE LISTINGS

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.1 OF DISPLAY EDIT SYS (5796-PJP):

SLSS ID 7799-TBE	PSEUDO #	EQUALS	TITLE
	ST40-1925	SH20-1925-0	DESCRIPTION/ADMINISTRATOR'S GUIDE
	ST40-1965	SH20-1965-0	USER'S GUIDE
	LT60-2311	LY20-2311-0	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF INTERACT PRCD FACIL (5748-MS1):

NO SLSS ID REQUIRED	PSEUDO #	EQUALS	TITLE
	*N/A	GH20-5306-0	LICENSED PROGRAM SPECIFICATIONS
	*N/A	GX20-2343-1	SUMMARY CARD
	*N/A	SX20-2346-0	TEMPLATE FOR 3277
	*N/A	SX20-2355-0	TEMPLATE FOR 3276/78
	*N/A	LYB0-2477-1	DIALOGUE PANELS & USER'S GUIDE FICHE
	*N/A	LYB0-2478-1	DIALOGUE MANAGER SOURCE LISTINGS FICHE

*NOT APPLICABLE

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF VM/IPCS (5748-SA1):

SLSS ID 7799-TBD

PSEUDO #	EQUALS	TITLE
GT34-2019	GC34-2019-1	GENERAL INFORMATION
ST34-2020	SC34-2020-0	USER'S GUIDE & REFERENCE
GT34-2025	GC34-2025-0	LICENSED PROGRAM SPECIFICATIONS
LTA0-0305	LJA0-0305-0	SOURCE LISTINGS
LT65-0005	LY25-0005-0	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF DMS/CMS (5748-XXB):

SLSS ID 7799-TAD

PSEUDO #	EQUALS	TITLE
GT24-5197	GC24-5197-0	GENERAL INFORMATION
ST24-5198	SC24-5198-0	GUIDE & REFERENCE
GT24-5200	GC24-5200-1	LICENSED PROGRAM SPECIFICATIONS
LTC0-9008	LYC0-9008-0	SOURCE LISTINGS
LT64-5206	LY24-5206-0	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.0 OF FORTRAN (GI) (5734-FO2):

SLSS ID 7799-TAF

PSEUDO #	EQUALS	TITLE
GT28-6515	GC28-6515-10	FORTRAN IV LANGUAGE
ST28-6853	SC28-6853-1	PROGRAMMER'S GUIDE
GT28-6854	GC28-6854-2	LICENSED PROGRAM SPECIFICATIONS
ST28-6856	SC28-6856-1	INSTALLATION REFERENCE
GT28-6884	GC28-6884-1	GENERAL INFORMATION
ST28-6891	SC28-6891-1	TERMINAL USER'S GUIDE
LTC7-5021	LYC7-5021-2	SOURCE LISTINGS
LT68-6856	LY28-6856-0	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.3 OF FORTRAN (MODII) LIB. (5734-LM3):

SLSS ID 7799-TCF

PSEUDO #	EQUALS	TITLE
GT28-6515	GC28-6515-10	FORTRAN IV LANGUAGE
GT28-6818	GC28-6818-1	MATH AND SERVICE SUBPROGRAMS
ST28-6852	SC28-6852-2	PROGRAMMER'S GUIDE
ST28-6861	SC28-6861-2	INSTALLATION REFERENCE
GT28-6863	GC28-6863-2	LICENSED PROGRAM SPECIFICATIONS
ST28-6864	SC28-6864-0	SUPPLEMENT FOR MATH & SERVICE SUBPROGS
ST28-6865	SC28-6865-1	MESSAGES
LTC7-5020	LYC7-5020-4	SOURCE LISTINGS
LT68-6409	LY28-6409-1	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.1 OF FORTRAN INTERACT DEBUG (5734-FO5):

SLSS ID 7799-TDF

PSEUDO #	EQUALS	TITLE
ST28-6885	SC28-6885-2	TERMINAL USER'S GUIDE
ST00-0620	SX28-8193-0	REFERENCE CARD
ST28-6886	SC28-6886-1	INSTALLATION REFERENCE
GT28-6888	GC28-6888-1	LICENSED PROGRAM SPECIFICATIONS

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.3 OF COBOL (5740-CB1):

SLSS ID 7799-TAC

PSEUDO #	EQUALS	TITLE
GT26-3857	GC26-3857-1	REFERENCE
ST28-6469	SC28-6469-3	USER'S GUIDE
GT28-6472	GC28-6472-1	LICENSED PROGRAM SPECIFICATIONS
ST28-6481	SC28-6481-1	INSTALLATION REFERENCE
SQ28-6483	SC28-6483-1	PROGRAMMER'S GUIDE
LTC7-5052	LYC7-5052-7	MICROFICHE LISTINGS
LQ68-6425	LY28-6425-1	LIBRARY LOGIC
LQ68-6486	LY28-6486-2	COMPILER LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.4 OF COBOL INTERACT DEBUG (5734-CB4):

SLSS ID 7799-TCC

PSEUDO #	EQUALS	TITLE
ST28-6465	SC28-6465-2	TERMINAL USER'S GUIDE
ST28-6468	SC28-6468-3	INSTALLATION REFERENCE
GT28-6485	GC28-6485-1	LICENSED PROGRAM SPECIFICATIONS
ST00-0606	SX28-8194-2	REFERENCE CARD

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 3.0 OF RPG II (5746-RG1):

SLSS ID 7799-TAR

PSEUDO #	EQUALS	TITLE
SQ33-6031	SC33-6031-2	SYSTEM LIBRARY
ST00-0604	SC33-6032-2	INSTALLATION REFERENCE
GT33-6029	GC33-6029-1	SPECIFICATION
SQ33-6033	SC33-6033-1	MESSAGES
SQ33-6034	SC33-6034-1	AUTO REPORT
LTD3-3800	LJD3-3800-2	MICROFICHE LISTINGS
LT00-0605	LY33-9062-2	LOGIC
ST33-6074	SC33-6074-0	USER'S GUIDE

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 3.1 OF PL/I OPT. COMP (5734-PL3):
 SLSS ID 7799-TAP

PSEUDO #	EQUALS	TITLE
ST33-0006	SC33-0006-4	PROGRAMMER'S GUIDE
GT33-0009	GC33-0009-4	LANGUAGE REFERENCE
GQ33-0022	GC33-0022-8	LICENSED PROGRAM SPECIFICATIONS
GT33-0023	GC33-0023-7	RES. LIB. LICENSED PROGRAM SPECIFICATIONS
GT33-0024	GC33-0024-7	TRANS. LIB LICENSED PROGRAM SPECIFICATIONS
ST33-0025	SC33-0025-2	EXECUTION LOGIC
SQ33-0026	SC33-0026-6	INSTALLATION
ST33-0027	SC33-0027-4	MESSAGES
ST33-0029	SC33-0029-3	TSO USER'S GUIDE
ST33-0037	SC33-0037-3	CMS USER'S GUIDE
LTC7-2504	LYC7-2504-3	RES. LIB. LISTINGS
LTC7-2505	LYC7-2505-3	TRANS. LIB. LISTINGS
LTC7-2506	LYC7-2506-7	MICROFICHE LISTINGS
LT73-6007	LY33-6007-1	LOGIC
LT73-6008	LY33-6008-1	RES. LIB. LOGIC
LT73-6009	LY33-6009-1	TRANS. LIB. LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 3.1 OF PL/I OPT. COMP. (5734-PL1):
 SLSS ID 7799-TCP

PSEUDO #	EQUALS	TITLE
GT33-0001	GC33-0001-4	GENERAL INFORMATION
ST33-0006	SC33-0006-4	PROGRAMMER'S GUIDE
GT33-0009	GC33-0009-4	LANGUAGE REFERENCE
GQ33-0022	GC33-0022-8	LICENSED PROGRAM SPECIFICATIONS
ST33-0025	SC33-0025-2	EXECUTION LOGIC
SQ33-0026	SC33-0026-6	INSTALLATION
ST33-0027	SC33-0027-4	MESSAGES
ST33-0029	SC33-0029-3	TSO USER'S GUIDE
ST33-0037	SC33-0037-3	CMS USER'S GUIDE
LTC7-2506	LYC7-2506-7	MICROFICHE LISTINGS
LT73-6007	LY33-6007-1	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 3.1 OF PL/I RES. LIB. (5734-LM4):
 SLSS ID 7799-TDP

PSEUDO #	EQUALS	TITLE
ST33-0006	SC33-0006-4	PROGRAMMER'S GUIDE
GT33-0009	GC33-0009-4	LANGUAGE REFERENCE
GT33-0023	GC33-0023-7	RES. LIB. LICENSED PROGRAM SPECIFICATIONS
ST33-0025	SC33-0025-2	EXECUTION LOGIC
SQ33-0026	SC33-0026-6	INSTALLATION
ST33-0029	SC33-0029-3	TSO USER'S GUIDE
ST33-0037	SC33-0037-3	CMS USER'S GUIDE
LTC7-2504	LYC7-2504-3	RES. LIB. MICROFICHE LISTINGS
LT73-6008	LY33-6008-1	RES. LIB. LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 3.1 OF PL/I TRANS LIB (5734-LM5):
 SLSS ID 7799-TEP

PSEUDO #	EQUALS	TITLE
ST33-0006	SC33-0006-4	OPTIMIZING COMPILER PROGRAMMER'S GUIDE
ST33-0007	SC33-0007-3	CHECKOUT COMPILER PROGRAMMER'S GUIDE
GT33-0009	GC33-0009-4	LANGUAGE REFERENCE
GT33-0024	GC33-0024-7	TRANS. LIB. LICENSED PROGRAM SPECIFICATIONS
ST33-0025	SC33-0025-2	EXECUTION LOGIC
SQ33-0026	SC33-0026-6	INSTALLATION
ST33-0027	SC33-0027-4	MESSAGES
ST33-0029	SC33-0029-3	OPTIMIZING COMPILER TSO USER'S GUIDE
ST33-0031	SC33-0031-5	INSTALLATION
ST33-0033	SC33-0033-2	CHECKOUT COMPILER TSO USER'S GUIDE
ST33-0037	SC33-0037-3	OPTIMIZING COMPILER CMS USER'S GUIDE
ST33-0047	SC33-0047-2	CHECKOUT COMPILER CMS USER'S GUIDE
LTC7-2505	LYC7-2505-3	TRANS. LIB. MICROFICHE LISTINGS
LT73-6009	LY33-6009-1	TRANS. LIB. LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 2.2 OF PLANCODE/I (5740-XX8):
 SLSS ID 7799-TFP

PSEUDO #	EQUALS	TITLE
GT39-1103	GH19-1103-4	GENERAL INFORMATION
ST39-1123	SH19-1123-2	PROGRAM REFERENCE
SQ39-1124	SH19-1124-3	OPERATIONS GUIDE
GQ40-4505	GH20-4505-3	LICENSED PROGRAM SPECIFICATIONS
GT00-0607	GX11-5001-1	REFERENCE CARD
LT59-1029	LY19-1029-0	LOGIC
GT00-0608	GX20-4305-1	REFERENCE INFORMATION
ST00-0609	SX20-2035-0	TEMPLATE

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 3.3 OF VM PERFORM/MONITOR ANAL (5798-CPX):
 SLSS ID 7799-TGP

PSEUDO #	EQUALS	TITLE
ST00-0616	SB21-2101-3	DESCRIPTION/OPERATIONS

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 6.0 OF INTERAC INSN SYS (5748-XX6):

SLSS ID 7799-TA1

PSEUDO #	EQUALS	TITLE
SQ40-1896	SH20-1896-1	ADMINISTRATOR'S GUIDE
SQ40-1897	SH20-1897-2	AUTHORING GUIDE
ST40-1898	SH20-1898-2	CMS OPERATOR'S GUIDE
GQ40-4535	GH20-4535-5	LICENSED PROGRAM SPECIFICATIONS
LTB0-2380	LYB0-2380-1	CMS LISTINGS FICHE
ST40-1904	SH20-1904-1	CICS OPERATOR'S GUIDE
LT60-2285	LY20-2285-0	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 3.0 OF VS/APL (5748-AP1):

SLSS ID 7799-TAA

PSEUDO #	EQUALS	TITLE
GT26-3847	GC26-3847-4	LANGUAGE REFERENCE
GT40-9064	GH20-9064-4	GENERAL INFORMATION
ST40-9065	SH20-9065-4	INSTALLATION REFERENCE
SQ40-9066	SH20-9066-2	VS APL FOR VSPC: TERMINAL USER'S GUIDE
ST40-9067	SH20-9067-2	VS APL FOR CMS: TERMINAL USER'S GUIDE
ST40-9068	SH20-9068-1	WRITING AUXILIARY PROCESSORS
GT40-9086	GH20-9086-5	LICENSED PROGRAM SPECIFICATIONS
ST40-9167	SH20-9167-0	CICS/VS TERMINAL USER'S GUIDE
ST40-9168	SH20-9168-0	WRITING AUXILIARY PROCESSORS
ST00-0602	SX26-3712-2	REFERENCE SUMMARY
LTB0-8040	LYB0-8040-4	SOURCE LISTINGS
LT60-8032	LY20-8032-1	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 3.0 OF VS/BASIC (5748-XX1):

SLSS ID 7799-TAB

PSEUDO #	EQUALS	TITLE
ST28-8300	SC28-8300-0	INTRODUCTION
GT28-8302	GC28-8302-5	GENERAL INFORMATION
GT28-8303	GC28-8303-2	REFERENCE
ST28-8304	SC28-8304-2	TSO TERMINAL USER'S GUIDE
ST28-8306	SC28-8306-1	CMS TERMINAL USER'S GUIDE
ST28-8308	SC28-8308-1	PROGRAMMER'S GUIDE
ST28-8309	SC28-8309-3	INSTALLATION REFERENCE
ST28-8310	SC28-8310-0	VS BASIC UNDER CMS INTRODUCTION
GT28-8311	GC28-8311-3	LICENSED PROGRAM SPECIFICATIONS
ST00-0626	SX28-6385-1	REFERENCE SUMMARY (TSO)
ST00-0621	SX28-6386-1	REFERENCE SUMMARY (CMS)
LTC7-5051	LYC7-5051-2	SOURCE LISTINGS
LT68-6422	LY28-6422-2	LOGIC
ST00-0628	SX26-3710-2	REFERENCE SUMMARY (VSPC)
SQ40-9060	SH20-9060-2	VSPC TERMINAL USERS GUIDE

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF DOCUMENT COMPOSITION FACILITY (5748-XX9):

SLSS ID 7799-TCD

PSEUDO #	EQUALS	TITLE
GT40-9158	GH20-9158-2	GENERAL INFORMATION
GT40-9159	GH20-9159-1	LICENSED PROGRAM SPECIFICATIONS
ST40-9160	SH20-9160-0	GML USER'S GUIDE
ST40-9161	SH20-9161-0	USER'S GUIDE
GT40-9169	GH20-9169-3	PROGRAM SUMMARY
ST00-0588	SX26-3719-0	GML QUICK REFERENCE SUMMARY
ST00-0589	SX26-3723-1	USER'S GD QUICK REF CARD
GT00-0617	GX20-2332-1	EXECUTIVE OVERVIEW & PRODUCT SUMMARY
GT00-0618	G320-5777-0	GML IMPLEMENTATION GUIDE
GT00-0619	G320-6331-0	TRAINING COURSE IUP NOTICE
LTB0-8070	LYB0-8070-1	MESSAGES LOGIC FICHE
LTB6-0016	LJB6-0016-0	BACKGROUND ENVIRONMENT (COMMON)
LTB6-0017	LJB6-0017-0	CMS FOREGROUND ENVIRONMENT FICHE
LTB6-0018	LJB6-0018-0	BACKGROUND ENVIRONMENT (TSO)
LTB6-0022	LJB6-0022-0	DATA AREAS FICHE
LTB6-0023	LJB6-0023-0	CROSS REF TABLE FICHE
LTB6-0028	LJB6-0028-0	BACKGROUND ENVIRONMENT (VS1)
LTB6-0029	LJB6-0029-0	BACKGROUND ENVIRONMENT (VS2)
LTB6-0030	LJB6-0030-0	BACKGROUND ENVIRONMENT (DOS)
GT40-9171	GH20-9171-1	PROGRAM SUMMARY
LT70-8074	LY20-8074-1	PROBLEM DETERMINATION & LOGIC OVERVIEW
ST40-6130	SH20-6130-0	IUP COURSE DESCRIPTION/ADMINISTRATIVE

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF RSCS NETWORKING (5748-XP1):

SLSS ID 7799-TCR

PSEUDO #	EQUALS	TITLE
GT44-5003	GH24-5003-0	LICENSED PROGRAM SPECIFICATIONS
ST44-5005	SH24-5005-0	PROGRAM REFERENCE & OPERATIONS
LTC0-9006	LYC0-9006-0	SOURCE LISTINGS
LT64-5203	LY24-5203-0	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 3.0 OF EMUL PROG/VS (5744-AN1):

SLSS ID 7799-TAE

PSEUDO #	EQUALS	TITLE
GT00-0622	GA27-3086-1	3704 USER'S GUIDE
GT00-0623	GA27-3087-3	3705 USER'S GUIDE
GT00-0624	GA27-3051-4	3704/3705 INTRODUCTION
GT30-3005	GC30-3005-7	STORAGE & PERFORMANCE REFERENCE
GT00-0625	GC30-3008-5	REFERENCE
ST30-3116	SC30-3116-1	ACF/NCP GENERATION & UTILITIES REF
ST70-3031	SY30-3031-1	LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF VSE/VSAM (5746-AM2):

SLSS ID 7799-TAV

PSEUDO #	EQUALS	TITLE
GT24-5142	GC24-5142-0	LICENSED PROGRAM SPECIFICATIONS
ST24-5144	SC24-5144-0	COMMANDS & MACROS
ST24-5145	SC24-5145-0	PROGRAMMER'S REFERENCE
ST24-5146	SC24-5146-0	MESSAGES & CODES
LTB4-6102	LYB4-6102-0	SOURCE LISTINGS
LT64-5191	LY24-5191-0	LOGIC VOLUME 1 LOGIC
LT84-5192	LY24-5192-0	LOGIC VOLUME 2 LOGIC
LT64-5195	LY24-5195-0	ACCESS METHODS LOGIC

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF VM/INTERACT FILE SHARING (5748-XXC):

SLSS ID 7799-TC1

PSEUDO #	EQUALS	TITLE
GT24-5195	GC24-5195-0	GENERAL INFORMATION
ST24-5196	SC24-5196-0	GUIDE AND REFERENCE
GT24-5199	GC24-5199-1	LICENSED PROGRAM SPECIFICATIONS
LT84-5205	LY24-5205-0	LOGIC
LTC0-9009	LYC0-9009-0	SOURCE LISTINGS

THE FOLLOWING PUBLICATIONS SUPPORT RELEASE 1.0 OF VM/DIRECTORY MAINT. (5748-XE4):

SLSS ID 7799-TDD

PSEUDO #	EQUALS	TITLE
GT20-1837	GC20-1837-0	LICENSED PROGRAM SPECIFICATIONS
ST20-1839	SC20-1839-0	GUIDE FOR GENERAL USERS
ST20-1840	SC20-1840-0	INSTALLATION & SYS ADMINISTRATORS GUIDE
LTC0-9007	LYC0-9007-0	SOURCE LISTINGS
LT60-0889	LY20-0889-0	LOGIC



TYPE I PROGRAMMING SUPPORT FOR SYSTEM/370 ONLYOS/MFT and OS/MVT (20-40)33 Sort/Merge

GC33-4015 IBM SYSTEM/370 MODEL 155 SORT/MERGE TIMING ESTIMATES PLANNING GUIDE FRGC
360S-SM-023

35 Emulation, Simulation

GC33-2020 DOS TO OS EMULATOR - REFERENCE PROGRAM NUMBER 360C-EU-738
 GY33-7018 DOS TO OS EMULATOR - LOGIC PROGRAM NUMBER 360C-EU-738
 GC33-2021 1401/1440/1460 OS/MFT AND OS/MVT EMULATOR ON SYSTEM/370 (360S-EU-735) REFERENCE
 SY33-7011 1401/1440/1460 OS EMULATOR ON SYSTEM/370 LOGIC - PROGRAM NUMBERS 5744-AH1 AND
 360C-EU-735
 GY33-7019 1401/1440/1460 OS/MFT AND OS/MVT EMULATOR ON SYSTEM/370 - LOGIC, PROG. NO.
 360C-EU-735
 GC33-2022 1410/7010 OS/MFT AND OS/MVT EMULATOR ON SYSTEM/370 - REFERENCE, PROG. NO.
 360C-EU-736
 GY33-7020 1410/7010 OS/MFT AND OS/MVT EMULATOR ON SYSTEM/370 LOGIC PROG. NO. 360C-EU-736

37 Program Testing, Problem Determination, Auditing, and Service Aids

GY27-7237 IBM SYSTEM/360 OPERATING SYSTEM: MACHINE-CHECK HANDLER FOR SYSTEM/370 MODELS
 135 AND 145 (LOGIC), P/N 360S-DN-539
 GY27-7198 IBM SYSTEM/360 OPERATING SYSTEM: MACHINE-CHECK HANDLER FOR SYSTEM/370 MODELS
 155 THRU 168 (LOGIC), P/N 360S-DN-539

DOS Version 4 (20-40)20 Programming - General Information

GC33-5007 SYSTEM/370 DISK OPERATING SYSTEM VERSION 4 - MANUAL

30 Access Methods, Data Management, Storage/Communications (I/O) Control Programs

GY33-8543 DOS VERSION 4 LIOCS INTRODUCTION VOLUME 1 - PROGRAM LOGIC MANUAL - PROGRAM
 NUMBERS 370N-CL-453, 370N-IO-454, 370N-IO-455, -456, -457, -458, -477, -478
 GY33-8544 DOS VER. 4 LIOCS VOL. 2, LOGIC - PROG. NO. 370N-CL-453 370N-IO-477,
 370N-IO-456, 370N-IO-478, 370N-IO-458
 GY33-8545 DOS VERSION 4 LIOCS VOLUME 3-SAM AND DAM FOR DASD- PROGRAM LOGIC MANUAL -
 PROGRAM NUMBERS 370N-IO-455, 370N-IO-454
 GY33-8546 DOS VERSION 4 LIOCS VOLUME 4 - ISAM - PROGRAM LOGIC MANUAL - PROGRAM NUMBER
 370N-IO-457
 GC27-6978 DOS VERSION 4 - BASIC TELECOMMUNICATIONS ACCESS METHOD MANUAL - PROGRAM NUMBER
 370N-CQ-469
 GY27-7245 DOS VERSION 4 BTAM LOGIC, PROG. NO. 370N-CQ-469
 GC33-5004 SYSTEM/360 DOS PLANNING GUIDE FOR PROGRAMMING THE 3330 DIRECT ACCESS STORAGE
 FACILITY

31 Support Programs

GY33-8539 SYSTEM/370 DOS VERSION 4 LIBRARIAN-PROGRAM LOGIC MANUAL - PROGRAM NUMBER
 370N-CL-453

32 Utilities

GY33-8547 DOS VERSION 4 SYSTEM UTILITIES - PROGRAM NUMBER 370N-UT-491

34 System Generation

GC33-5008 DOS VERSION 4 SYSTEM GENERATION

35 Emulation, Simulation

GC33-2006 MODEL 20 DOS EMULATOR ON SYSTEM/370 REFERENCE (370N-IC-002)
 GC33-2010 MODEL 20 EMULATOR ON SYSTEM/370 USING DOS AND DOS/VS PLANNING - PRGC. NO.
 360N-IC-002; COMPONENT NO. 5745-SC-E20
 SY33-7010 MODEL 20 EMULATOR ON SYSTEM/370 USING DOS AND DOS/VS LOGIC - PROG. NOS.
 370N-IC-002 AND 5745-SC-E20
 GC33-2004 1401/1440/1460/DOS EMULATOR ON MODELS 135/145/155 REFERENCE MANUAL - PROGRAM
 NUMBER 370N-EU-490
 SY33-7008 1401/1440/1460 DOS EMULATOR ON SYSTEM/370: LOGIC, PROG. NOS. 370N-EU-490 (DOS),
 5745-SC-EML (DOS/VS)
 GC33-2005 1410/7010 DOS EMULATOR ON MODELS 145/155 REFERENCE MANUAL PROGRAM NUMBER
 370N-EU-490
 SY33-7009 1410/7010 DOS EMULATOR ON SYSTEM/370 LOGIC, PROG. NOS. 370N-EU-490 (DCS),
 5745-SC-EML (DOS/VS)

36 Control Program

GY33-8532 DOS VERSION 4 LOGICAL TRANSIENTS, LOGIC - PROG. 370N-CL-453

GY33-8533 INTRODUCTION TO DOS VERSION 4 LOGIC - PROGRAM NUMBER 370N-CL-453
 GY33-8537 DOS VERSION 4 SYSTEM SERVICE PROGRAMS - PROGRAM LOGIC, PROG. NO. 370N-CI-453
 GY33-8542 DOS VER. 4 IPL AND JCL LOGIC - PROG. NO. 370N-CL-453

37 Program Testing, Problem Determination, Auditing, and Service Aids

GC24-5086 DOS OLTEP
 GY24-5154 DOS OLTEP LOGIC

40 Programming System Operation

GC33-5009 DOS VERSION 4 MESSAGES, PROG. NO. 370N-CL-453

TSS/370 (TIME SHARING SYSTEM/370) (20-40)20 Programming - General Information

GC28-2003 IBM TIME SHARING SYSTEM CONCEPTS AND FACILITIES
 GC28-2048 TIME SHARING SYSTEM, A PRIMER FOR FORTRAN IV USERS, PROG NO 360G-CL-627

21 Assembler

GC28-2000 IBM TIME SHARING SYSTEM ASSEMBLER LANGUAGE
 GC28-2032 IBM TIME SHARING SYSTEM ASSEMBLER PROGRAMMER'S GUIDE
 GC28-2004 IBM TIME SHARING SYSTEM ASSEMBLER USER MACRO INSTRUCTIONS

25 FORTRAN

GC28-2007 IBM TIME SHARING SYSTEM FORTRAN IV LANGUAGE
 GC28-2025 IBM TIME SHARING SYSTEM FORTRAN IV PROGRAMMER'S GUIDE I
 GC28-2026 IBM TIME SHARING SYSTEM FORTRAN IV LIBRARY SUBPROGRAMS

29 PL/I

GC28-2045 IBM TIME SHARING SYSTEM PL/I LANGUAGE REFERENCE MANUAL
 GC28-2046 IBM TIME SHARING SYSTEM PL/I LIBRARY COMPUTATIONAL SUBROUTINES
 GC28-2049 IBM TIME SHARING SYSTEM PL/I PROGRAMMER'S GUIDE

30 Access Methods, Data Management, Storage/Communications (I/O) Control Programs

GC28-2056 IBM TIME SHARING SYSTEM DATA MANAGEMENT FACILITIES

31 Support Programs

GC28-2005 IBM TIME SHARING SYSTEM LINKAGE EDITOR

32 Utilities

GC28-2038 IBM TIME SHARING SYSTEM INDEPENDENT UTILITIES

34 System Planning, Generation, Performance, System Management Facilities

GC28-2034 IBM TIME SHARING SYSTEM MULTITERMINAL TASK PROGRAMMING & OPERATION
 GC28-2010 TIME SHARING SYSTEM, SYSTEM GENERATION & MAINTENANCE

36 Control Program

GC28-2001 IBM TIME SHARING SYSTEM COMMAND SYSTEM USER'S GUIDE
 GY28-2009 TIME SHARING SYSTEM, SYSTEM LOGIC SUMMARY
 GC28-2024 IBM TIME SHARING SYSTEM MANAGER'S AND ADMINISTRATOR'S GUIDE
 GC28-2008 IBM TIME SHARING SYSTEM SYSTEM PROGRAMMER'S GUIDE

37 Program Testing, Problem Determination, Auditing, and Service Aids

GC28-2028 IBM TIME SHARING SYSTEM TEST AND MAINTENANCE USER'S GUIDE
 GC28-2006 TIME SHARING SYSTEM, TIME SHARING SUPPORT SYSTEM

38 Remote Job Entry

GC28-2057 IBM TIME SHARING SYSTEM REMOTE JOB ENTRY

40 Programming System Operation

GC28-2033 IBM TIME SHARING SYSTEM OPERATOR'S GUIDE
 GX28-6400 TIME SHARING SYSTEM, QUICK GUIDE FOR USERS
 GC28-2017 IBM TIME SHARING SYSTEM TERMINAL USER'S GUIDE

ASP and DSP36 Control Program

GH20-1173 IBM SYSTEM/360 AND SYSTEM/370 ASP VERSION 3 ASYMMETRIC MULTI PROCESSING SYSTEM:
 GENERAL INFORMATION MANUAL, PROG. NO. 360A-CX-15X

GH20-1289 ASYMMETRIC MULTIPROCESSING SYSTEM OPERATOR'S MANUAL, PROG. NO. 360A-CX-15X
 GH20-1290 ASYMMETRIC MULTIPROCESSING SYSTEM: MESSAGES & CODES MANUAL, PROGRAM NUMBER
 360A-CX-15X
 GH20-1291 ASYMMETRIC MULTIPROCESSING SYSTEM - APPLICATION PROGRAMMER'S MANUAL - PROGRAM
 NUMBER 360A-CX-15X
 GH20-1292 IBM S/360 AND S/370 ASP VERSION 3 ASYMMETRIC MULTIPROCESSING SYSTEM, SYSTEM
 PROGRAMMER'S MANUAL, PROG 360A-CX-15X
 GH20-1403 IBM SYSTEM/360 AND SYSTEM/370 ASP VERSION 3 ASYMMETRIC MULTIPROCESSING SYSTEM
 LOGIC MANUAL - PROGRAM NUMBER 360A-CX-15X
 GX20-1927 ASP VERSION 3 ASYMMETRIC MULTIPROCESSING SYSTEM: OPERATORS REFERENCE POKKLET -
 PROG. NO. 360A-CX-15X
 GH20-1171 SYSTEM/370 DISTRIBUTED SYSTEM PROGRAM (S/370 DSP) GENERAL INFORMATION MANUAL,
 PROG. NO. 360A-TX-032
 GH20-9500 IBM SYSTEM/370 DISTRIBUTED SYSTEM PROGRAM REFERENCE MANUAL PROGRAM NUMBER
 360A-TX-032
 GH20-9501 SYSTEM/370 DISTRIBUTED SYSTEM PROGRAM OPERATIONS GUIDE PROG. NO. 360A-TX-032

PROGRAMMING -- GENERAL (20-40)24 COBOL

GX28-1520 COBOL REFERENCE CARD

25 FORTRAN

GC28-6515 IBM SYSTEM/360 AND SYSTEM/370 FORTRAN IV LANGUAGE - PROG PROD 5748-FC2
 GX28-6384 FORTRAN IV REFERENCE CARD

30 Access Methods, Data Management, Storage/Communications (I/O) Control Programs

GA21-9195 A PROGRAMMER'S INTRODUCTION TO THE APPLICATION CONTROL LANGUAGE (FOR 3741
 MODELS 3 & 4 PROGRAMMING WORKSTATION)
 SY21-9203 APPLICATION CONTROL LANGUAGE SUPPORT LOGIC MANUAL (FOR IBM 3741 MODELS 3 & 4
 PROGRAMMING WORK STATION)

40 Programming System Operation

LB21-1427 IMS/V5 2260-3270 CONVERSION AID, FDP 5798-CBB, SYSTEMS GUIDE

DB/DC (Data Base/Data Communication)Advanced Communications Function (ACF) and Associated Network Programs

GC30-3033 INTRODUCTION TO ADVANCED COMMUNICATIONS FUNCTION
 **GC38-0297 NETWORK TERMINAL OPTION GENERAL INFORMATION INTRODUCTION SCP 5735-XX7
 **SC38-0298 NETWORK TERMINAL OPTION INSTALLATION
 **GC38-0299 NETWORK TERMINAL OPTION (NTO) SPECIFICATIONS
 LJB1-0457 NETWORK TERMINAL OPTION PROGRAM ID 5735-XX7 LPS GC38-0299 COMP ID 5735-XX700
 LJB1-0460 NETWORK TERMINAL OPTION PROGRAM ID 5735-XX7, COMP ID - 5735-XX700 LPS -
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GH20-2007 TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF), LIC PROG 5740-XY3, CONCEPTS AND FACILITIES

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**LJB1-0429 VTAM COMMUNICATION NETWORK APPLICATION LIC PROG 5735-RC5 LPS GC27-0503 COMP ID 5741-VA123

**SC27-0449 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5746-RC3, PROGRAMMER'S REFERENCE (CURRENT RELEASE)

**ST27-0449 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) RELEASE 2 LIC FRCG 5746-RC3 PROGRAMMING REFERENCE (SC27-0449-1)

GC27-0457 ACF/VTAM, LIC PROG 5746-RC3, 5735-RC2: PROGRAM SUMMARY

**GC27-0459 SYSTEM CONTROL PROGRAMMING SPECIFICATIONS VTAM SYSTEM CONTROL PROGRAMMING FOR ACF/VTAM RELEASE 2 (CURRENT RELEASE)

**GT27-0459 SYSTEM CONTROL PROGRAMMING VTAM SYSTEM CONTROL PROGRAMMING FOR ACF/VTAM RELEASE 2 SCP 5747-CF1 SPECIFICATIONS (GC27-0459-0)

**GC27-0460 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5746-RC3, SPECIFICATIONS (CURRENT RELEASE)

**GT27-0460 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) RELEASE 2 LIC PRCG 5746-RC3 SPECIFICATIONS (GC27-0460-0)

GC27-0462 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5746-RC3,
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**GT00-0668 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), LIC PROG 5746-RC3,
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**GC27-0463 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), LIC PROG 5746-RC3
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**GT27-0463 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) RELEASE 2 LIC PRG
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**SC27-0466 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5746-RC3,
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**ST27-0466 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) RELEASE 2 LIC PRG
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SC27-0468 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) INSTALLATION, LIC PROG
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SC27-0469 ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM), LIC PROG 5735-RC2, RELEASE
2 PRE-INSTALLATION PLANNING

**SC27-0470 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), LIC PROG 5735-RC2,
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**ST27-0470 ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5735-RC2, MESSAGES
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LJB1-0423 ACF/VTAM NETWORKING FOR AS1 6.7., 7.0 LISTINGS

LJB1-0425 ACF/VTAM ENCRYPT/DECRYPT FOR AS 1 6.7 7.0 5735-RC2, LISTINGS

LJB1-0435 ADVANCED COMMUNICATIONS FUNCTION FOR VIRTUAL TELECOMMUNICATIONS ACCESS METHOD
BASE PP PROGRAM NUMBER 5735-RC2, LPS GC27-0460 COMP ID 5735-SC123-H70

LJB1-0436 ADVANCED COMMUNICATION FUNCTION FOR VIRTUAL TELECOMMUNICATIONS ACCESS (MSNF)
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SJB1-0437 ADVANCED COMMUNICATIONS FUNCTION FOR VIRTUAL TELECOMMUNICATIONS ACCESS METHOD
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LJB1-0438 ADVANCED COMMUNICATION FUNCTION FOR VIRTUAL TELECOMMUNICATION ACCESS METHOD
(ENCRYPT/DECRYPT) PROGRAM 5735-RC2, LPS GC27-0458 COMP ID 5752-SC123-H93

**LJB1-0443 ACF/VTAM RELEASE 3 BASE PROGRAM ID 5735-RC2 LPS GC27-0460 FMID JVT 1312,
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**LJB1-0444 ACF/VTAM RELEASE 3 NETWORKING PROGRAM ID 5735-RC2 LPS GC27-0460 FMID JVT 1322,
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**LJB1-0445 ACF/VTAM RELEASE 3 CRYPTO PROGRAM ID 5735-RC2 LPS GC27-0460 FMID JVT 1332,
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LJD2-2223 VTAM BASE, LIC PROG 5735-RC2, LISTINGS

LJD2-2224 VTAM MSMF LISTINGS

LJD2-2225 VTAM CRYPTO, LIC PROG 5735-RC2, LISTINGS

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**LY38-3025 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ACF/VTAM ENCRYPT/DECRYPT FEATURE, LIC
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**LT78-3025 ACF/VTAM ENCRYPT/DECRYPT FEATURE, LIC PROG 5735-RC2 (LY38-3025-0)

**LY38-3027 ADVANCED COMMUNICATION FUNCTION FOR VTAM, LIC PROG 5735-RC2, DIAGNOSIS
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**LT78-3027 ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM) RELEASE 2, LOGIC BASE
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**SY38-3029 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), LIC PROG 5735-RC2,
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LY38-3032 ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM) LOGIC: BASE SYSTEM VOLUME 2
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GC38-0282 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) CONCEPTS AND PLANNING,
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GC38-0254 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) GENERAL INFORMATION, PROG
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SC38-0256 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) MACRO LANGUAGE GUIDE, PROG
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SC38-0257 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) PROGRAM OPERATOR GUIDE
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SC38-0258 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) SYSTEM PROGRAMMER'S GUIDE,
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SC38-0259 ACF/VTAM NETWORK OPERATING PROCEDURES FOR OS/VS - PROG PROD 5735-RC2

SC38-0261 ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM) MACRO LANGUAGE REFERENCE,
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 LY27-8002 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) DATA AREAS, PROG PROD
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 **LT78-3023 ADVANCED COMMUNICATIONS FUNCTION FOR BTAM (ACF/VTAM) LOGIC: MULTISYSTEM
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 **LY38-3030 ACF/VTAM, LIC PROG 5735-RC2, DATA AREAS
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SX27-3022 ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM) LIC PRG 5746-RC3 (DOS/VS) REFERENCE SUMMARY

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**SY38-3020 ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM) LIC PRG 5746-RC3, DIAGNOSTIC TECHNIQUES (CURRENT RELEASE)

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**ST27-0443 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY (ACF/VTAME) RELEASE 1 LIC PRG 5746-RC7 OPERATION (SC27-0443-0)

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**SY38-3012 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY LIC PRG 5746-RC7, DIAGNOSTIC TECHNIQUES (CURRENT RELEASE)

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SH20-1047 CUSTOMER INFORMATION CONTROL SYSTEM (CICS) DOS-ENTRY, DCS-STANDARD OS-STANDARD
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SH20-1044 CUSTOMER INFORMATION CONTROL SYSTEM (CICS), DOS-ENTRY, DOS-STANDARD,
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**SC33-0071 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) VERSION 1 RELEASE
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** SQ33-0071 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) REL 1.4 LIC PROG
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SC33-0075 (CICS/VS) REL 3 VER 1, LIC PROG 5746-XX3, 5740-XX1, 3790 GUIDE (CICS/VS)
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SQ33-0075 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE CICS/VS RELEASE 1.4.1 LIC
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GH20-4564 CUSTOMER INFORMATION CONTROL SYSTEM/OPERATING SYSTEM/VIRTUAL STORAGE
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GH20-4634 CICS/OS/VS, LIC PROG 5740-XX1, VERSION, RELEASE 5 DESIGN OBJECTIVES

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**LYA4-3006 CICS-OS/VS, 5740-XX1 V1 LISTINGS (CURRENT RELEASE)

LY33-6029 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE, LIC PROG 5740-XX1, LCGIC

LT73-6029 CICS OS/VS V1 REL 3 LOGIC, LIC PROG 5740-XX1, (LY33-6029-0)

SY33-6030 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PRGC
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GC33-0066 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PRGC
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GT00-0591 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE CICS/VS RELEASE 1.4.1 LIC
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SC33-0067 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PRGC
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ST33-0067 CICS/VS V1 REL 3, LIC PROG 5740-XX1, 5746-XX3, LOGIC (SC33-0067-00)

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** SQ33-0068 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) RELEASE 1.4.1 LIC
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ST33-0068 CICS/VS SYSTEM AND APPLICATION DESIGN GUIDE V1, REL 3 LIC PROG 5740-XX1,
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SC33-0072 CICS/VS V1 REL 3, IBM 3600 GUIDE (5746-XX3 AND 5740-XX1)

ST33-0072 CICS/VS V1 REL 3 3600/3630 GUIDE, LIC PROG 5740-XX1, 5746-XX3, (SC33-0072-0)

SC33-0073 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) REL 3 VER 1, LIC
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SQ33-0073 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE CICS/VS RELEASE 1.4.1 LIC
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ST33-0073 CICS/VS V1 REL 3 LIC PROG 5740-XX1, 5746-XX3, 3650 GUIDE (SC33-0073-0)

SC33-0074 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) REL 3 VER 1, LIC
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 SC33-0070 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PRG
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**GC33-0084 CUSTOMER INFORMATION CONTROL SYSTEM/DISK OPERATING SYSTEM/VIRTUAL STORAGE
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**GT33-0084 CICS/DOS/VS VERSION 1 RELEASE 4, LIC PRG 5746-XX3, SPECIFICATIONS
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SC33-0085 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), IIC PRG
5746-XX3, APPLICATION PROGRAMMER'S REFERENCE (RPG II) (CURRENT RELEASE)

ST33-0085 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE CICS/VS RELEASE 1.4.1 IIC
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SC33-0086 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), IIC PRG
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ST33-0086 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) RELEASE 1.4.1 LIC
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SC33-0089 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), IIC PRG
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ST33-0089 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) RELEASE 1.4.1 LIC
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LYA4-3003 CICS DOS/VS PRG 5746-XX3 VER 1 REL 4.0 LISTINGS

**LQA4-3003 CICS/DOS/VS LIC PRG 5746-XX3 RELEASE 1.3 (LYA4-3003-1)

**LYA4-3200 CICS DOS/VS

**LYA4-3201 CICS/DOS/VS, LIC PRG 5746-XX3, LISTINGS

LY33-6028 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), IIC PRG
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LY33-6033 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), IIC PRG
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LT73-6033 CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) RELEASE 1.1.4,
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SB21-2522 ACCOUNT NETWORK MANAGEMENT PROGRAMS OS/VS/CICS, FDP 5798-DAQ,
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SB21-2524 ACCOUNT NETWORK MANAGEMENT PROGRAMS DOS/VS/CICS, FDP 5798-DAT,
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SB21-2546 ACCOUNT NETWORK MANAGEMENT PROGRAMS, FDP 5798-DAT (DOS/VS/CICS), FDP 5798-DAQ
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G320-8089 CICS/COBOL CALL INTERFACE FOR CICS/OSS CICS/DOSS & CICS/DOSE: NATIONAL BANK OF
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G320-5654 OS/DOS CICS/VS COBOL CALL INTERFACE, IUP 5796-AEG NOTICE

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SB21-0801 SYSTEM/360/370 CPU CONSOLE AS CICS MASTER TERMINAL: FDP 5798-ANK
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**GB11-5452 CICS/VS DATA ENTRY FACILITY, IFP 5785-WAE, NOTICE

**SB11-5453 CICS/VS DATA ENTRY FACILITY, IFP 5785-WAE, DESCRIPTION/OPERATIONS

GB21-1837 CICS/VS DATASET RECOVERY FACILITY - FDP 5798-CJF, NOTICE

SB21-1838 CICS/VS DATASET RECOVERY FACILITY - FDP 5798-CJF, DESCRIPTION/OPERATIONS

GB21-1874 CICS/VS DUMP READING PROGRAM, OS/VS, 5798-CJX, NOTICE

SB21-1875 CICS/VS DUMP READING PROGRAM - OS/VS FDP 5798-CJX, DESCRIPTION/OPERATIONS

SB21-1075 CICS DYNAMIC MAP, FDP 5798-AXR, DESCRIPTION/OPERATIONS

GH20-1702 EXTENDED TELECOMMUNICATIONS MODULES (EXTM) VERSION 2 FEATURE OF CICS/DOS/VS
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SH20-1704 EXTENDED TELECOMMUNICATIONS MODULES (EXTM) FEATURE OF CICS/DOS/VS VERSION 2
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GH20-4528 EXTENDED TELECOMMUNICATIONS MODULES (EXTM) V3 REL 1, MOD LEVEL 0, IIC PRG
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GH20-5000 EXTENDED TELECOMMUNICATIONS MODULES, LIC PRG 5746-XXB, SPECIFICATIONS

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LY20-2175 EXTENDED TELECOMMUNICATIONS MODULES (EXTM) FEATURE OF CICS/DOS/VS - PRG. PROD.
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LY20-2193 EXTENDED TELECOMMUNICATIONS MODULES FEATURE OF CICS/DOS/VS PROBLEM
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GH20-1514 FASTER TO CICS/VS MIGRATION TECHNIQUES GUIDE

SH20-1296 FASTER LANGUAGE FACILITY PROGRAM REFERENCE MANUAL AND OPERATIONS GUIDE PRG.
NOS. 5740-XX1 (CICS/OS/VS), 5746-XX3 (CICS/DOS/VS)

GH20-1502 FASTER LANGUAGE FACILITY FOR THE CUSTOMER INFORMATION CONTROL SYSTEM (CICS/VS)
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GH20-4623 FASTER LANGUAGE FACILITY FOR CICS/DOS/VS PROGRAM NUMBER 5746-XX3 AND FOR
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LY20-2045 FASTER LANGUAGE FACILITY FOR THE CUSTOMER INFORMATION CONTROL SYSTEM (CICS/VS),
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GB21-2156 CICS/VS FORMATTED TRANSACTION DUMP ONLINE, FDP 5798-CQY, NOTICE

SB21-2157 CICS/VS FORMATTED TRANSACTION DUMP ONLINE, FDP 5798-CQY, DESCRIPTION/OPERATIONS

GB11-5070 IBM SYSTEM/370 DOS/VS CICS-IMS ONLINE INTERFACE, INTERACTIVE AND QUEUED
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SB11-5071 SYSTEM/370 CICS-IMS ONLINE INTERFACE PROGRAM DESCRIPTION AND OPERATIONS,
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LB11-5072 IBM SYSTEM/370 CICS-IMS ONLINE INTERFACE SYSTEMS GUIDE, INTERNATIONAL FIELD
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GB21-1441 CICS/M.T.C.S. 3270 SCREEN FORMAT UTILITY - FDP 5798-CBH, NOTICE

SB21-1442 CICS/M.T.C.S. 3270 SCREEN FORMAT UTILITY - FDP 5798-CBH, DESCRIPTION/OPERATIONS

LB21-1443 CICS/M.T.C.S. 3270 SCREEN FORMAT UTILITY - FDP 5798-CBH, SYSTEMS GUIDE

GB21-1641 CICS/M.T.C.S. ON-LINE PANEL ENTRY LIBRARY SYSTEM - FDP 5798-CET, NOTICE

SB21-1642 CICS/M.T.C.S. ON-LINE PANEL ENTRY LIBRARY SYSTEM - FDP 5798-CET,
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LB21-1643 CICS/M.T.C.S. ON-LINE PANEL ENTRY LIBRARY SYSTEM - FDP 5798-CET, SYSTEMS GUIDE

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SB21-2528 NETWORK ERROR MANAGEMENT FACILITY, FDP 5798-DAW, DESCRIPTION/OPERATIONS

SH20-2175 CICS/VS ONLINE PROMPTING FACILITY IUP 5796-AWQ, DESCRIPTION/OPERATIONS

G320-6158 CICS/VS ONLINE PROMPTING FACILITY, IUP 5796-AWQ, NOTICE

SH20-1358 S/370 CICS ON LINE TEST/DEBUG CON EDISON - IUP 5796-AEF DESCRIPTION/OPERATIONS

SH20-1877 CICS/VS ONLINE TEST/DEBUG II, IUP 5796-ABJ, DESCRIPTION/OPERATIONS

G320-8088 CICS ON-LINE TEST/DEBUG FOR CICS/OSS, CICS/DOSS & CICS/DOSE: CON EDISON, IUP
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GB21-2554 CICS/VS OPERATIONS SUPPORT PACKAGE, FDP 5798-DBJ, NOTICE

SB21-2555 CICS/VS OPERATIONS SUPPORT PACKAGE, FDP 5798-DBJ, DESCRIPTION/OPERATIONS

**GB21-2494 CUSTOMER INFORMATION CONTROL SYSTEM PERFORMANCE ANALYSIS REPORTING SYSTEM
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**SB21-2495 CUSTOMER INFORMATION CONTROL SYSTEM PERFORMANCE ANALYSIS REPORTING SYSTEM
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GB21-2121 CICS/VS MVS PEER ADDRESS SPACES - FDP 5798-CQE, NOTICE

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ST00-0590 CICS/VS PERFORMANCE ANALYZER 11 FDP 5798-CFP VERSION 1.3 DESCRIPTION/OPERATIONS
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GB21-1507 CICS PLOT, FDP 5798-CCG, NOTICE

SB21-1508 CICS PLOT, FDP 5798-CCG, DESCRIPTION/OPERATIONS

GH19-6074 SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM, RELEASE 1
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GH19-6075 SCREEN DEFINITION FACILITY/CICS, RELEASE 1 MODIFICATION LEVEL 0, LIC PRG
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GH19-6076 SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM, LIC PROG
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**SH19-6085 SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM, LIC PROG
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GH19-6087 SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM IIC PRG
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**GH20-5305 SCREEN DEFINITION FACILITY/CICS, LIC PROG 5740-XYF, 5746-XTT SPECIFICATIONS

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GB21-1696 CICS SOURCE PROGRAM MAINTENANCE ON-LINE II - FDP 5798-CFT, NOTICE

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SB21-2455 CICS SOURCE PROGRAM MAINTENANCE ONLINE II (SPM II) FDP 5798-CFT, AUDIT AND
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GX20-2006 CICS SOURCE PROGRAM MAINTENANCE ONLINE II QUICK GUIDE FOR USERS, PROG PRG
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SH20-6132 SPM-II FILE COMPRESSION AND REPORTING SYSTEM, IUP 5796-AYG
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G320-6332 SPM II FILE COMPRESSION AND REPORTING SYSTEM, IUP 5796-AYG, NOTICE

LB21-2102 SYSTEM/3 TO SYSTEM/370 SCREEN CONVERSION AID, FDP 5798-CQH, NOTICE

GB21-2128 SYSTEM/3 TO SYSTEM/370 SCREEN CONVERSION AID, FDP 5798-CQH, NOTICE

SB21-2129 SYSTEM/3 TO SYSTEM/370 SCREEN CONVERSION AID, FDP 5798-CQH
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G320-5710 TESTING AND DEBUGGING ONLINE WITH CICS/VS, IUP 5796-AHJ, NOTICE

**GB21-1035 CICS/3270 SIMULATOR (5798-AXC), CICS DYNAMIC MAP (5798-AXR), AND CICS
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SB21-1036 CICS/3270 SIMULATOR, FDP 5798-AXC, DESCRIPTION/OPERATIONS

GC19-5042 IBM 5930 SUPPORT UNDER CICS/DOS/VS (CUSTOMER INFORMATION CONTROL SYSTEM DOS/VS)
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SH20-1858	DL/I BATCH MONITOR FOR DOS/VS, IUP 5796-AKY, DESCRIPTION/OPERATIONS
**G320-5697	DL/I BATCH MONITOR FOR DOS/VS, IUP 5796-AKY, NOTICE
GB21-2549	ISAM - CICS/VS DL/I BRIDGE, FDP 5798-DBH, NOTICE
SB21-2550	ISAM - CICS/VS DL/I BRIDGE, FDP 5798-DBH, DESCRIPTION/OPERATIONS
SH20-2072	DL/I CICS/VS TEST DESCRIPTION/OPERATIONS IUP 5796-ARN
G320-6053	DL/I CICS/VS TEST PROGRAM - STATE INDUSTRIES, INC., IUP 5796-ARN, NOTICE
SH12-5411	DL/I DOS/VS, LIC PROG 5746-XX1, APPLICATION PROGRAMMING REFERENCE MANUAL
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**GH20-1246	DL/I DOS/VS, LIC PROG 5746-XX1, GENERAL INFORMATION (CURRENT RELEASE)
GH20-4642	DL/I DOS/VS, LIC PROG 5746-XX1, SPECIFICATIONS (CURRENT RELEASE)
GT40-4642	DL/I DOS/VS, LIC PROG 5746-XX1, SPECIFICATIONS (GH20-4642-1)
SH20-9046	DL/I DOS, LOW-LEVEL CODE/CONTINUITY CHECK FEATURE, LIC PROG 5746-XX1, REFERENCE/OPERATIONS
SH24-5001	DL/I DOS/VS, LIC PROG 5746-XX1, USER'S GUIDE
ST44-5001	DL/I DOS/VS, LIC PROG 5746-XX1, GUIDE FOR NEW USER'S (SH24-5001-0) DL/I 1.3
SH24-5002	DL/I-DOS/VS, LIC PROG 5746-XX1, DIAGNOSTIC GUIDE (CURRENT RELEASE)
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**SH24-5009	DL/I DOS/VS LIC PROG 5746-XX1 HIGH LEVEL INTERACTIVE GUIDE (CURRENT RELEASE)
SH24-5010	DL/I DOS/VS LIC PROG 5746-XX1 HIGH LEVEL INTERACTIVE ICR GUIDE (CURRENT RELEASE)
SX24-5103	DL/I DOS/VS VERSION 1.3 APPLICATION PROGRAMMING REFERENCE SUMMARY PROG NUMBER 5746-XX1
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LYB4-6101	DL/I DOS/VS VERSION 1.5 5746-XX1
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GH12-5115	DL/I-ENTRY DOS/VS, LIC PROG 5746-XX7, GENERAL INFORMATION
SH12-5415	DL/I-ENTRY DOS/VS, LIC PROG 5746-XX7, APPLICATION PROGRAMMING REFERENCE MANUAL
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SH12-5418	DL/I-ENTRY, UTILITIES REFERENCE SUMMARY
SH12-5420	DL/I-ENTRY DOS/VS LOW-LEVEL CODE/CONTINUITY CHECK FEATURE, LIC PROG 5746-XX7, REFERENCE/OPERATIONS
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LYA2-5213	DL/I-ENTRY, LIC PROG 5746-XX7, LISTINGS
GB21-2380	DL/I FAST SCAN UTILITY DOS/VS, FDP 5798-CYJ, NOTICE
SB21-2381	DL/I FAST SCAN UTILITY DOS/VS, FDP 5798-CYJ, DESCRIPTION/OPERATIONS
SH20-1802	DL/I HDAM DATA BASE TUNING AID, IUP 5796-AKF DESCRIPTION/OPERATIONS
G320-5660	DL/I HDAM DATA BASE TUNING AID, IUP 5796-AKF, NOTICE
GB21-1786	DATA BASE CALL MACROS, FDP 5798-CHK, NOTICE
GB11-5406	DATA BASE SEGMENTS DISTRIBUTION ANALYZER, IUP 5785-GAR, NOTICE
SB11-5407	DATA BASE SEGMENTS DISTRIBUTION ANALYZER, IUP 5785-GAR, DESCRIPTION/OPERATIONS
GB11-5088	DL/I PERFORMANCE ENHANCEMENT-DOS/VS & OS/VS, LIC PROG 5785-DAX, NOTICE
**SB11-5089	DL/I PERFORMANCE ENHANCEMENT-DOS/VS & OS/VS, LIC PROG 5785-DAX, DESCRIPTION/OPERATIONS
SH20-1769	DOSMAP-DL/I DATA BASE MAPPING PROGRAMS, IUP 5796-PCW, SYSTEMS GUIDE
LY20-2053	DOSMAP-DL/I DATA BASE MAPPING PROGRAMS, IUP 5796-PCW, SYSTEMS GUIDE
LY20-2208	DOSMAP-DL/I DATA BASE MAPPING PROGRAMS, IUP 5796-PCW, SYSTEMS GUIDE FEATURE 8093
G320-8159	DOSMAP-DL/I, IUP 5796-PCW, NOTICE
SH20-2107	DL/I DOS/VS SPACE MANAGEMENT UTILITIES, IUP 5796-PKF, DESCRIPTION/OPERATION
LY20-2371	DL/I DOS/VS SPACE MANAGEMENT UTILITIES, IUP 5796-PKF, SYSTEMS GUIDE
G320-6072	DL/I DOS/VS SPACE MANAGEMENT UTILITIES, IUP 5796-PKF, NOTICE
SC09-0007	VANDL-1, LIC PROG 5799-AEY, DESCRIPTION/OPERATION
GH20-4609	VANDL-1, LIC PROG 5799-AEY, FUNCTIONAL DESCRIPTION
LY09-0012	VANDL-1, LIC PROG 5799-AEY, LOGIC

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GH20-1251 DISPLAY MANAGEMENT SYSTEM II (DMS II) GENERAL INFORMATION MANUAL - PROGRAM PRODUCTS 5734-XC4 AND 5736-XC4

SH20-1456 DISPLAY MANAGEMENT SYSTEM II (DMS II) OS/VS OPERATIONS GUIDE PROGRAM NUMBER 5734-XC4

SH20-1457 DISPLAY MANAGEMENT SYSTEM II (DMS II) OS/VS PROGRAM REFERENCE MANUAL - PROGRAM NUMBER 5734-XC4

LY20-0870 DISPLAY MANAGEMENT SYSTEM II (DMS II) OS/VS LOGIC MANUAL PROGRAM NUMBER 5734-XC4

SH20-1572 DISPLAY MANAGEMENT SYSTEM II DOS/VS (DMS II) OPERATIONS GUIDE, PROG. NO. 5736-XC4

SH20-1573 DISPLAY MANAGEMENT SYSTEM II -- DOS/VS (DMS II) PROGRAM REFERENCE MANUAL, PROG. PROD. 5736-XC4

LY20-2043 DISPLAY MANAGEMENT SYSTEM II -- DOS/VS (DMS II) LOGIC MANUAL, PROG. FRCL. 5736-XC4

GH20-1863 DISPLAY MANAGEMENT SYSTEM/VS VERSION 1 (DMS/VS) GENERAL INFORMATION: LIC PROG 5740-XC2 (OS/VS), 5746-XC2 (DOS/VS)

SH20-1864 DMS/VS VERSION 1, OPERATIONS GUIDE, LIC PROG 5740-XC2 (OS/VS), 5746-XC2 (DOS/VS)

SH20-1865 DMS/VS VERSION 1, LIC PROG 5740-XC2 (OS/VS), 5746-XC2 (DOS/VS), PROGRAM REFERENCE

GH20-4516 DISPLAY MANAGEMENT SYSTEM/VS VERSION 1 SPECIFICATIONS, DMS/DOS/VS PROG PROD 5746-XC2, DMS/OS/VS PROG PROD 5740-XC2

SH20-2024 DISPLAY MANAGEMENT SYSTEM/VIRTUAL STORAGE (DMS/VS) LIC PROG 5740-XC2, APPLICATION PROGRAM DESIGN GUIDE

**LY20-2266 DISPLAY MANAGEMENT SYSTEM/VIRTUAL STORAGE VERSION 1 (DMS/VS) LOGIC, PROG PROD 5740-XC2 (OS/VS), 5746-XC2 (DOS/VS)

SH20-1745 SYSTEM/370 DISPLAY MANAGEMENT SYSTEM PROGRAMMING RPQ Z06076 DESCRIPTION/OPERATIONS, PROG 5799-AFD

LY20-2227 SYSTEM/370 DISPLAY MANAGEMENT SYSTEM PROGRAMMING RPQ Z06076 LOGIC PROC 5799-AFD

**GH20-2195 DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS), LIC PROG 5746-XC4 5740-XC5, GENERAL INFORMATION (CURRENT RELEASE)

SH20-2207 DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS), LIC PROG 5746-XC4, 5740-XC5, APPLICATION DESIGN GUIDE (CURRENT RELEASE)

ST40-2207 DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS), LIC PROG 5740-XC5, 5746-XC4 RELEASE 1 APPLICATION PROGRAM DESIGN GUIDE (SH20-2207-0)

**SH20-2209 DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS), LIC PROG 5740-XC5 5746-XC4 PROGRAM REFERENCE (CURRENT RELEASE)

**ST00-0682 GENERAL PURPOSE SIMULATION SYSTEM/360 OS AND DOS VERSION 2 INTRODUCTORY USERS MANUAL, LIC PROG 5734-XS1 AND 5736-XS1 RELEASE 2 (SH20-2209-2)

--SQ40-2209 DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS) RELEASE 2 LIC PROG 5746-XC4 REFERENCE (SH20-2209-1)

ST40-2209 DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS) LIC PROG 5746-XC4, 5740-XC5, RELEASE 1.0 PROGRAM REFERENCE (SH20-2209-00)

**SH20-2211 DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS), LIC PROG 5740-XC5 5746-XC4, OPERATIONS GUIDE (CURRENT RELEASE)

--SQ40-2211 DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS) RELEASE 2 LIC PROG 5746-XC4 OPERATIONS GUIDE (SH20-2211-2)

ST40-2211 DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS), LIC PROG 5740-XC5, 5746-XC4, OPERATIONS GUIDE, RELEASE 1 (SH20-2211-00)

**GH20-4561 DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE, LIC PROG 5740-XC5, 5746-XC4 SPECIFICATIONS (CURRENT RELEASE)

LYB0-2474 DMS/CICS/VS OS APPLICATION GENERATION FEATURE, LIC PROG 5740-XC5, LISTINGS

LYB0-2475 DMS/CICS/VS OS, LIC PROG 5740-XC5, LISTINGS

**LYB0-2516 DMS/CICS/VS, LIC PROG 5740-XC5, OS/BASE

**LYB0-2517 DMS/CICS/VS, LIC PROG 5740-XC5, OS/FEATURE

**LY20-2456 DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS), LIC PROG 5740-XC5 5746-XC4, LOGIC (CURRENT RELEASE)

**LQ60-2456 DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS) RELEASE 2 LIC PROG 5746-XC4 LOGIC (LY20-2456-1)

LT60-2456 DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS) LIC PROG 5746-XC4, 5740-XC5, LOGIC MANUAL RELEASE 1 (LY20-2456-0)

LYB0-2472 DMS/CICS/VS - DOS, LIC PROG 5746-XC4, SOURCE LISTINGS (CURRENT RELEASE)

LYB0-2473 DMS/CICS/VS DOS APPLICATION GENERATION FEATURE, LIC PROG 5746-XC4 LISTINGS (CURRENT RELEASE)

**LYB0-2518 DMS/CICS/VS, LIC PROG 5746-XC4, DOS/BASE, LISTINGS

**LYB0-2519 DMS/CICS/VS, LIC PROG 5746-XC4, DOS/FEATURE, LISTINGS

GH20-2020 DMS/3770, LIC PROG 5748-XC3, GENERAL INFORMATION

SH20-2021 DISPLAY MANAGEMENT SYSTEM/3770 (DMS/3770) RELEASE 1.0 PROG PROD 5748-XC3, REFERENCE AND OPERATIONS MANUAL

GH20-4556 DISPLAY MANAGEMENT SYSTEM/3770 RELEASE 2.0, LIC PROG 5748-XC3, SPECIFICATIONS

GH20-4593 DISPLAY MANAGEMENT SYSTEM/3770 (DMS/3770) RELEASE 2, PROG PROD 5748-XC3, DESIGN OBJECTIVE

**GH20-5007 DISPLAY MANAGEMENT SYSTEM/3770 (DMS/3770), LIC PROG 5748-XC3 FUNCTIONAL DESCRIPTION

LY20-2437 DISPLAY MANAGEMENT SYSTEM/3770 (DMS/3770) RELEASE 1.0, LIC PROG 5740-XC3, LOGIC MANUAL

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GH20-0892 IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) APPLICATION DESCRIPTION,
PROG. NO. 5734-XX1

SH20-1030 IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) PROGRAM DESCRIPTION
MANUAL, VOLUME 1: SYSTEM OVERVIEW AND CONTROL, PROG. NO. 5734-XX1

SH20-1032 IBM GENERALIZED INFORMATION SYSTEM, VERSION 2 (GIS/2) OPERATIONS MANUAL -
PROGRAM NUMBER 5734-XX1

SH20-1033 GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) VOLUME 3, PROCEDURAL LANGUAGE
- PROGRAM DESCRIPTION MANUAL PROGRAM NUMBER 5734-XX1

SH20-1040 GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) VOLUME 2: DATA DESCRIPTION
LANGUAGE - PROGRAM DESCRIPTION MANUAL PROGRAM NUMBER 5734-XX1

SH20-1177 PLANNING GUIDE FOR THE DL/I QUERY SUPPORT FEATURE OF GENERALIZED INFORMATION
SYSTEM VERSION 2 (GIS/2) PROGRAM NUMBER 5734-XX1

GH20-9033 GENERALIZED INFORMATION SYSTEM, VERSION 2 (GIS/2) EXECUTIVE QUERY REFERENCE
(BASIC INTRODUCTION), PROG. NO. 5734-XX1

LYB0-0864 GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) BASIC RETRIEVAL SYSTEM
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LYB0-0865 GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) ARITHMETIC STATEMENT FEATURE
MICROFICHE - PROGRAM NUMBER 5734-XX1

LYB0-0866 GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) TELEPROCESSING SUPPORT FEATURE
MICROFICHE - PROGRAM NUMBER 5734-XX1

LYB0-0867 GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) CONTROL STATEMENT FEATURE
MICROFICHE - PROGRAM NUMBER 5734-XX1

LYB0-0868 GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) PROCESSING STATEMENT FEATURE
MICROFICHE - PROGRAM NUMBER 5734-XX1

LYB0-0869 GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) FORMAL REPORT FEATURE
MICROFICHE - PROGRAM NUMBER 5734-XX1

LYB0-0870 GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) HIERARCHICAL FILE SUPPORT
FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1

LYB0-0871 GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) UPDATE AND CREATE FEATURE
MICROFICHE - PROGRAM NUMBER 5734-XX1

LYB0-0872 GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) UTILITY FEATURE MICROFICHE -
PROGRAM NUMBER 5734-XX1

LYB0-0873 GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) EDIT AND ENCODE FEATURE
MICROFICHE - PROGRAM NUMBER 5734-XX1

LYB0-0874 GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) FILE MODIFY FEATURE MICROFICHE
- PROGRAM NUMBER 5734-XX1

LYB0-0875 GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) DATA LANGUAGE/I QUERY SUPPORT
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LYB0-0876 GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) EXTENDED MULTI-FILE SUPPORT
FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1

LY20-0696 GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL VOLUME 1 -
PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8115

LY20-0697 GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL VOLUME 2 -
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LY20-0698 GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL VOLUME 3 -
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LY20-0699 IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT
FOR THE ARITHMETIC STATEMENT FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER
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LY20-0700 IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT
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LY20-0701 IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT
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LY20-0702 IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT
FOR THE PROCESSING STATEMENT FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER
8126

LY20-0703 IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT
FOR THE FORMAL REPORT FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8119

LY20-0704 GIS/2 SYSTEM MANUAL SUPPLEMENT FOR THE HIERARCHICAL FILE SUPPORT FEATURE, PROG.
NO. 5734-XX1 FEATURE NO. 8120

LY20-0705 IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT
FOR THE FILE UPDATE AND CREATE FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER
8118

LY20-0706 IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT
FOR THE UTILITY FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8121

LY20-0707 IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT
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LY20-0708 IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT
FOR THE FILE MODIFY FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8127

LY20-0809 GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT FOR
THE DL/I QUERY SUPPORT FEATURE PROGRAM NUMBER 5734-XX1

GH20-4538 GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) - RELEASE 1.1, IIC PROG
5740-XX7, SPECIFICATIONS

GH20-9035 GENERALIZED INFORMATION SYSTEM VIRTUAL STORAGE (GIS/VS) GENERAL INFORMATION
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SH20-9036 GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) LIC PROG 5740-XX7,
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SH20-9037 GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) SYSTEM PROGRAMMER'S
REFERENCE MANUAL 5740-XX7

SH20-9038 GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) LANGUAGE REFERENCE

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SH20-9039 GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) MESSAGES AND CCLES,
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SH20-9040 GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) LIC PROG 5740-XX7,
PLANNING AND OPERATION GUIDE FOR THE ADVANCED QUERY FEATURE

GH20-9043 GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) EXECUTIVE QUERY
REFERENCE MANUAL, PROG. NO. 5740-XX7

SX26-3729 GIS/VS, LIC PROG 5740-XX7, USER'S REFERENCE CARD

LYB0-8023 GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) LISTINGS FOR BASIC
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LYB0-8024 GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) LISTINGS FOR ADVANCED
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LYB0-8025 GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) LISTINGS FOR MCLIFY
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LYB0-8026 GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) LISTINGS FOR THE
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LY20-8010 GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) PROGRAM LOGIC MANUAL
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LY20-8011 GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) PROGRAM LOGIC MANUAL
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LY20-8012 GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) PROGRAM LOGIC MANUAL
VOLUME 3 - PROG. NO. 5740-XX7

LY20-8013 GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) PROGRAM LOGIC MANUAL
SUPPLEMENT FOR THE ADVANCED QUERY FEATURE PROG. NO. 5740-XX7

LY20-8014 GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) PROGRAM LOGIC MANUAL
SUPPLEMENT FOR THE MODIFY FEATURE PROG. NO. 5740-XX7

LY20-8015 GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) PROGRAM LOGIC MANUAL
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GH09-0052 GIS DOS/VS PRPQ SPECIFICATION SHEET, PROG 5799-ALX

GH19-0082 GENERALIZED INFORMATION SYSTEM DOS/VS, LIC PROG 5799-ALX, GENERAL INFORMATION
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GH19-0084 GENERALIZED INFORMATION SYSTEM DOS VS, EXECUTIVE QUERY, LIC PROG 5799-ALX,
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SH19-0086 GENERALIZED INFORMATION SYSTEM DOS/VS, LIC PROG 5799-ALX, LANGUAGE REFERENCE

SH19-0087 GENERALIZED INFORMATION SYSTEM DOS/VS, LIC PROG 5799-ALX, SYSTEM PROGRAMMER'S
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SH19-0088 GENERALIZED INFORMATION SYSTEM DOS/VS, LIC PROG 5799-ALX, MESSAGES & CODES

GH19-0094 GENERALIZED INFORMATION SYSTEM DOS/VS, LIC PROG 5799-ALX, USER'S GUIDE

G320-5727 GIS AND GIS/VS LIBRARY MAINTENANCE PROGRAM - IUP 5796-ANG, NOTICE

GB21-2137 GIS/VS 3270 FORMATTING AID FDP 5798-CQN, AVAILABILITY NOTICE

SB21-2138 GIS/VS 3270 FORMATTING AID, FDP 5798-CQN, DESCRIPTION/OPERATIONS

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GB11-5410 BATCH TERMINAL FAST PATH SUPPORT, IFP 5785-CAA, NOTICE
 ** GB11-5411 BATCH TERMINAL FAST PATH SUPPORT IFP 5785-CAA DESCRIPTION/OPERATIONS
 G320-1529 3270 FORMATTING FEATURE FOR BATCH TERMINAL SIMULATOR IUP 5796-PBD - NOTICE
 GB21-2547 ISAM - IMS/DB BRIDGE, FDP 5798-DBG, NOTICE
 SB21-2548 ISAM TO IMS/DB BRIDGE, FDP 5798-DBG, DESCRIPTION/OPERATIONS
 SH20-1303 DBPROTOTYPE PROGRAM DESCRIPTION/OPERATIONS MANUAL - IUP NUMBER 5796-FEB
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 G320-1523 DBPROTOTYPE (5796-PBB), IMSMAP (5796-PBC), PLIMS (5796-PBF), BTS (5796-FBD),
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 LY20-0947 DB PROTOTYPE/VS - IUP 5796-PCX, SYSTEM GUIDE
 G320-1535 DB PROTOTYPE/VS - IUP 5796-PCX, RELEASE NOTICE
 SH20-1953 DBPROTOTYPE II, IUP 5796-PJK, DESCRIPTION/OPERATIONS
 LY20-9001 DBPROTOTYPE II, IUP 5796-PJK, SYSTEMS GUIDE
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 GB21-2126 HDAM SEQUENTIAL RANDOMIZER GENERATOR, FDP 5798-CQG, NOTICE
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 ** GH20-0765 INFORMATION MANAGEMENT SYSTEM/360, VERSION 2, GENERAL INFORMATION MANUAL: PROG.
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 SH20-0910 INFORMATION MANAGEMENT SYSTEM/360, VERSION 2 SYSTEM/APPLICATION DESIGN GUIDE
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 **GG22-9023 AN MVS TUNING PERSPECTIVE
 GG22-9029 MVS SYSTEM EXTENSIONS RELEASE 2 PRODUCT PRESENTATION
 **GG24-1508 MVS SYSTEM EXTENSIONS RELEASE 2 INSTALLATION GUIDE
 **GG22-9018 VS1 TO MVS CONVERSION PLANNING GUIDE
 **GG22-9218 MVS/SYSTEM PRODUCT RELEASE 3 FUNCTION AND PERFORMANCE CVERVIEW
 **GG22-9222 MVS/SYSTEM PRODUCT RELEASE 1 INSTALLATION GUIDE
 **GC20-1618 NUMBER SYSTEMS - STUDENT TEXT
 **GG22-9225 OSI AND SNA: A PERSPECTIVE
 GG22-9048 OS/VS VSAM RECOVERY GUIDE
 GC20-1871 SYSTEM OUTAGE ANALYSIS, AN AVAILABILITY MANAGEMENT TECHNIQUE
 SC20-1651 A GUIDE TO PL/I FOR COMMERCIAL PROGRAMMERS (STUDENT TEXT)
 SC20-1637 A GUIDE TO PL/I FOR FORTRAN USERS: STUDENT TEXT
 SC28-6808 A PL/I PRIMER: STUDENT TEXT
 **GE20-0312 PREFACE TO PL/I PROGRAMMING IN SCIENTIFIC COMPUTING
 GC28-6794 GUIDE TO PL/S II
 GH19-6054 IBM PROGRAMMING PRODUCTIVITY SERVICE: OVERVIEW
 SH19-6055 IBM PROGRAMMING PRODUCTIVITY SERVICE USER'S GUIDE
 **GE19-5207 IMPROVED PROGRAMMING TECHNOLOGIES REFERENCE CARD STRUCTURED PROGRAMMING
 G320-1561 ENTERING AN SLSS SUBSCRIPTION
 **GG22-9044 SYSTEMS MODIFICATION PROGRAM RELEASE 4 (SMP-4) CONSIDERATIONS
 **GC20-1868 SYSTEMS NETWORK ARCHITECTURE: SESSIONS BETWEEN LOGICAL UNITS
 GC20-1869 SYSTEMS NETWORK ARCHITECTURE, INTRODUCTION TO SESSIONS BETWEEN LOGICAL UNITS
 GE19-5265 IBM SYSTEMS NETWORK ARCHITECTURE GENERAL INFORMATION AND MAINTENANCE AIDS
 HANDBOOK
 G320-6028 PALO ALTO SYSTEMS CENTER TECHNICAL BULLETIN SNA PRODUCT INSTALLATION GUIDE
 **GB21-9949 SOFTWARE DIRECTORY KEYWORD INDEX AND PROGRAM INFORMATION: SYSTEM CONTROL
 PROGRAMMING, PROGRAM PRODUCTS, FIELD DEVELOPED PROGRAMS, INSTALLED USER
 PROGRAMS, PROGRAMMING RPQS - 1981 EDITION
 SR20-4665 STANDARDS MANUAL FOR DOS/VSE STUDENT TEXT
 GX20-2364 TOTAL STORAGE MANAGEMENT PRODUCT MATRIX REFERENCE SUMMARY
 **GR20-4669 AN INTRODUCTION TO THE IBM SUPPORT CENTER STUDENT TEXT
 GR20-4670 AN INTRODUCTION TO IBM SUPPORT CENTER TEXT AND CASSETTE
 **SR20-4686 TCAM BSC/SS NETWORK DEFINITION STUDENT TEXT
 GH20-1628 A GUIDE TO TESTING IN A COMPLEX SYSTEM ENVIRONMENT
 GX20-2016 VECTOR PROCESSING SUBSYSTEM VPSS REFERENCE CARD
 GR20-4260 INTRODUCTION TO VIRTUAL STORAGE IN SYSTEM/370 STUDENT TEXT
 G321-5085 THE CHANGING VIRTUAL MACHINE ENVIRONMENT: INTERFACES TO REAL HARDWARE, VIRTUAL
 HARDWARE, AND OTHER VIRTUAL MACHINES
 **GG22-9045 VM-USAGE CAPACITY PLANNING
 **GG22-9208 VM/SP PERFORMANCE
 **GG22-9212 VM/SP MP AND ENHANCED AP SUPPORT
 G321-5084 VM/370 - A STUDY OF MULTIPLICITY AND USEFULNESS
 G320-6029 PALO ALTO SYSTEMS CENTER TECHNICAL BULLETIN DOS/VS VSAM TUNING AND ISAM TO VSAM
 CONVERSION GUIDE
 G320-5774 VSAM PRIMER AND REFERENCE
 SR20-4672 SYSTEM/360-370 ASSEMBLER LANGUAGE (DOS)
 **GG22-9020 3031, 3032, 3033 PROCESSOR COMPLEX CHANNEL CONFIGURATION GUIDELINES
 **GG22-9210 3033 MP/AP INSTALLATION NOTEBOOK
 G320-6023 PALO ALTO SYSTEMS CENTER TECHNICAL BULLETIN SNA 3274/3276 INSTALLATION GUIDE
 SR20-4512 3704/3705 NCP INSTRUCTIONS AND SUPERVISOR MACROS STUDENT TEXT - COURSE CODE
 S3851
 SR20-4544 IBM 3704 AND 3705 COMMUNICATIONS CONTROLLERS HARDWARE STUDENT TEXT
 SR20-4546 3704, 3705 COMMUNICATIONS CONTROLLERS EMULATION PROGRAMMING COURSE CODE G3689,
 STUDENT TEXT
 SR20-4547 3704 AND 3705 COMMUNICATIONS CONTROLLERS EMULATION DATA FLOW STUDENT TEXT -
 COURSE CODE G3630
 SR20-4568 IBM 3704 AND 3705 COMMUNICATIONS CONTROLLERS NCP PROGRAMMING STUDENT TEXT
 COURSE CODE S3850
 SR20-4569 CONCEPTS OF IBM 3704 COMMUNICATIONS CONTROLLERS STUDENT TEXT, COURSE CODE I1004
 GA32-0023 3803/3420 CUSTOMER CONVERSION GUIDE
 GG22-9152 303X TESTING USING A S/370
 GR20-4666 INTRODUCTION TO IBM 4300 AND DOS/VSE FACILITIES STUDENT TEXT
 **G320-5862 DALLAS SYSTEMS CENTER TECHNICAL BULLETIN - 4300 APPLICATION DEVELOPMENT
 ACTIVITIES AND REFERENCE
 G320-5853 DALLAS SYSTEMS CENTER 4300 PRE-INSTALLATION TEST ACTIVITIES
 **G320-6043 DALLAS SYSTEMS CENTER TECHNICAL BULLETIN - 4300 PROJECT PLANNING METHCD
 **GG22-9221 FORMATTING SCRIPT DOCUMENTS FROM THE 6670

87 Education - Course Catalogs

**G320-1244 CUSTOMER EDUCATION COURSE CATALOG
 GB21-9866 COMPUTER BASED TRAINING AND INSTRUCTION COURSEWARE SUMMARY PROG PRCD 5734-XXC,
 5736-E11, 5734-E13, 5748-XX6

89 Installation Forms and Supplies

**GX28-6509 ASSEMBLER CODING FORM
 **GX28-6506 IBM SYSTEM/360 BASIC ASSEMBLER SHORT CODING FORM
 GX28-6507 S/360 BASIC ASSEMBLER LONG CODING FORM
 GX20-2350 BSP MATRIX FORM

GX20-2351 BSP MATRIX FORM
GX28-1464 COBOL CODING FORM
GX26-3716 DB/DC DATA DICTIONARY FIELD DEFINITION FORM, PROG PRODS 5740-XXF, 5746-XXC
GX26-3725 DB/DC DATA DICTIONARY FIELD DEFINITION FORM FOR PL/I DATA
**GX26-3717 OS/VS DB/DC DATA DICTIONARY, LIC PROG 5740-XXF, SEGMENT DEFINITION FORM
GX26-3718 DB/DC DATA DICTIONARY TEXT DATA FORM, PROG PROD 5740-XXF, 5746-XXC
GX20-1998 DMS/VS DMS/CICS/VS DATA TRANSFER FORM
GX20-1999 DMS/VS DMS/CICS/VS FILE DESCRIPTION FORM
GX20-2000 DMS/VS, PROG PROD 5740-XC2, PANEL DESCRIPTION FORM
GX20-2030 DISPLAY MANAGEMENT SYSTEM 3770 (DMS/3770), LIC PROG 5748-XC3, LAYOUT FORM
GX20-2339 DMS PANEL DESCRIPTION (CURRENT RELEASE)
GX20-2341 DMS/CICS/VS CALCULATION AND EDIT FORM
GX20-2325 EPIC: FAST - GROUP NAME SHEET - PROG PROD 5735-E92
GX20-2326 EPIC:FAST, GROUP HEADER SHEET, LIC PROG 5735-E92
GX20-8020 FLOWCHARTING TEMPLATE
**GX21-5214 TOP/DOWN FLOWCHART TEMPLATE
GX20-8021 FLOWCHARTING WORKSHEET
GX28-7327 FORTRAN CODING FORM
GX20-1701 GENERAL PURPOSE SYSTEMS SIMULATOR CODING FORM PROG. NOS. 5734-XS1, XS2,
5736-XS1, XS3, 360A-CS-17X, 19X
GX20-2043 PLASTIC HOLDER FOR TEMPLATE INFORMATION CARDS
**GX20-2358 3270 INFORMATION/SYSTEM PFK TEMPLATE
GX20-2342 INTERACTIVE INSTRUCTIONAL SYSTEM - PRESENTATION WORKSHEET
**GX24-3722 IBM LOOP INSTALLATION FLOOR PLAN LAYOUT CHART
GX11-6060 IBM SPECIFICATIONS FOR MAGNETIC CHARACTER READERS FORM
GX21-9101 SPECIFICATIONS FOR MAGNETIC CHARACTER READERS
**GX20-1761 MATHEMATICAL PROGRAMMING INPUT FORM SYSTEM/360 - 1130
**GX24-6599 MULTIPLE CARD LAYOUT FORM - 80 COLUMN
GX24-5101 OS/VS1 TRACE TABLE OVERLAY
GX20-1711 S/360 RECORD LAYOUT WORKSHEET
GX33-8500 RECORD LAYOUT
GX21-9139 RPG AUTO REPORT SPECIFICATIONS
GX21-9093 RPG CALCULATION SPECIFICATIONS SHEET
**GX21-9092 RPG CONTROL CARD AND FILE DESCRIPTION SPECIFICATIONS FORM
**GX21-9129 RPG DEBUGGING TEMPLATE
GX21-9091 RPG EXTENSIONS AND LINE COUNTER SPECIFICATIONS SHEET
**GX21-9095 RPG INDICATOR SUMMARY FORM
GX21-9094 RPG INPUT SPECIFICATIONS FORM
GX21-9090 RPG OUTPUT-FORMAT SPECIFICATIONS (FORM)
**GX11-6010 SCREEN DEFINITION FACILITY/CICS MAP SPECIFICATIONS - 1 SCREEN DEFINITION
FACILITY/CICS MAP SPECIFICATIONS - 2
GX11-6011 SCREEN DEFINITION FACILITY/CICS MAP SPECIFICATIONS - 3A SCREEN DEFINITION
FACILITY/CICS MAP SPECIFICATIONS - 3P
**GX11-6012 SCREEN DEFINITION FACILITY/CICS MAP SET SPECIFICATIONS SCREEN DEFINITION
FACILITY/CICS PAGE SPECIFICATIONS
**GX11-6013 SCREEN DEFINITION FACILITY/CICS PROFILE SPECIFICATIONS - 1 SCREEN DEFINITION
FACILITY/CICS PROFILE SPECIFICATIONS - 2
**GX11-6014 SCREEN DEFINITION FACILITY/CICS PROFILE SPECIFICATIONS - 3 SCREEN DEFINITION
FACILITY/CICS PROFILE SPECIFICATIONS - 4
GX21-9096 TRANSLATION TABLE AND ALTERNATE COLLATING SEQUENCE CODING SHEET
GX33-6004 IBM SYSTEM/370 MODELS 135 AND 138 BYTE-MULTIPLEXER CHANNEL LOAD SUM WORKSHEET
GX20-1816 150/10/6 PRINT CHART
GX20-1818 150/10/8 PRINT CHART
GX24-3285 1030 DATA COLLECTION SYSTEM, 1031 PROGRAM CHART
GX24-3092 1050 DATA COMMUNICATIONS SYSTEM TRANSMISSION, LIMITED MAXIMUM-MESSAGE-RATE
GRAPH
GX24-3124 1050 DATA COMMUNICATION SYSTEM, PLANNING CHART
GX24-3139 1050 DATA COMMUNICATION SYSTEM, OPERATOR INSTRUCTION SHEET
GX21-9011 1062 PROGRAM TAPE LAYOUT SHEET
GX27-2950 2250 DISPLAY LAYOUT SHEET
GX20-1751 2260 DISPLAY FORMAT
GX27-2901 IMAGE PLANNING CHART - 2760 OPTICAL IMAGE UNIT, REGISTRATION PUNCHING - ACME
GX27-2902 IMAGE PLANNING CHART - 2760 OPTICAL IMAGE UNIT, REGISTRATION PUNCHING - OXBERRY
GX27-2903 2760 LAYOUT GUIDE (REGISTRATION PUNCHING - ACME)
GX27-2904 2760 LAYOUT GUIDE (REGISTRATION PUNCHING - OXBERRY)
GX27-2905 2760 OPTICAL IMAGE LIMIT AUXILIARY SCREEN OVERLAY GUIDE
GX27-2910 2795/2796/2797 OPERATING INSTRUCTIONS
**GX24-3738 3262 PRINTER MODELS 1 & 11 TROUBLE REPORT FORM
**GX24-3749 TROUBLE REPORT FORM - 3262 PRINTER MODELS 3 AND 13
**SX20-2384 PF KEY SYSTEM PRODUCTIVITY FACILITY TEMPLATE STRIP FOR 3270 TERMINALS
**SX20-2386 PF KEY SYSTEM PRODUCTIVITY FACILITY TEMPLATE FOR 3270 TERMINALS
GX27-2951 3270 INFORMATION DISPLAY SYSTEM, LAYOUT SHEET
GA19-5039 3274 CONTROL UNIT PLANNING, SETUP AND CUSTOMIZING GUIDE WITH RPCS 7H0431 -
DUTCH PUBLISHING CHARACTER SET 7H0417 - GERMAN PUBLISHING CHARACTER SET
UB4526 - FRENCH PUBLISHING CHARACTER SET 7H0419 - SPECIAL EDITING FEATURE
SUPPORT
GA27-2871 3270 INFORMATION DISPLAY SYSTEM, PROBLEM DETERMINATION, 3274 CONTROL UNITS
GX23-0203 3274 CONTROL UNIT PROBLEM REPORT FORM
GX20-1981 3275/3277 PROGRAM FUNCTION KEY TEMPLATE
**GX23-0202 3275/3277 TROUBLE REPORT FORM
GX20-2040 GENERAL PURPOSE 3276/3278 PROGRAM FUNCTION TEMPLATE STRIP
GX20-2041 3276/3278 PROGRAM FUNCTION KEY TEMPLATE - GENERAL USE
**GX23-0201 3276/3278 TROUBLE REPORT FORM

GX20-2007	3277 TEXT KEYBOARD FORM FOR PROGRAM-ASSIGNABLE CHARACTERS
GX27-0014	3278 LAYOUT SHEET 3270 INFORMATION DISPLAY SYSTEM
GX27-2923	3287 PRINTER OPERATOR'S TROUBLE REPORT
GX27-2931	3287 PRINTER MODELS 1C and 2C OPERATOR'S TROUBLE REPORT
GC31-2012	3647 TIME AND ATTENDANCE TERMINAL PROBLEM REPORT
** GX23-0204	3284/3286/3288 TROUBLE REPORT FORM
** GX27-2922	3289 LINE PRINTER MODELS 1 & 2 OPERATOR'S TROUBLE REPORT FORM
** GX27-2925	3289 LINE PRINTER MODEL 4 OPERATOR'S TROUBLE REPORT FORM
GX21-9186	3740 JOB INSTRUCTIONS FORM
GX21-9187	3740 SYSTEM PRINT CHART
GX21-9185	3747 DATA CONVERTER RUN SHEET
GX27-2918	3770 DATA COMMUNICATION SYSTEM, ERROR LOG OVERLAY
GX26-1639	3800 PRINT CHART
GX26-1640	3800 PRINT CHART
GX26-1641	3800 PRINT CHART
GX26-1642	3800 PRINT CHART
GX26-1643	3800 PRINT CHART
GX26-1644	3800 PRINT CHART
GX26-1652	3800 PRINTING SUBSYSTEM, PRINT LINE & CHARACTER PITCH GAUGE
GX26-3713	3800 PRINTING SUBSYSTEM, CHARACTER DESIGN & CODING FORM
**GX26-1663	DIVIDER TABS FOR 3880 STORAGE CONTROL DESCRIPTION
**GA33-1532	4331 PROCESSOR MODEL GROUP 1 CHANNEL LOAD SUMMARY WORKSHEET
**GX33-1500	4331 PROCESSOR MODEL GROUP 2 CHANNEL LOAD SUMMARY WORKSHEET
**GX24-3670	4341 PROCESSOR CHANNEL LOAD SUM WORKSHEET
GX24-3746	4341 PROCESSOR BYTE-MULTIPLEXER CHANNEL PRELIMINARY WORKSHEET
GX33-6024	7436 PRINTER TROUBLE REPORT FORM
**GX33-6016	8775 DISPLAY TERMINAL PROBLEM REPORT FORM

95 EWS (Early Warning System)

NOTE: EWS, published on microfiche, contains information useful in program support and problem determination. Automatic updating is available through SLSS (order-number subscription only).

S2CO-0021	DOS/VS EARLY WARNING MICROFICHE
S2CO-0031	EARLY WARNING MICROFICHE - OS/VS
**S2CO-0051	MICROFICHE - EARLY WARNING 2025 AND LARGER FILE CARD
S2CO-0351	EARLY WARNING, UNIQUE WORLD TRADE, GENERAL INFORMATION
S2CO-2003	WORLD TRADE EARLY WARNING PROGRAMMING SYSTEMS
**S2CO-7275	3881/3886 ENGINEERING CHANGE ANNOUNCEMENTS AND SERVICE AIDS

97 PTF (Program Temporary Fix) Listings

NOTE: PTF Listings are available under SLSS for IBM or non-IBM subscription (depending on the use key). To order, specify the order number or bill-of-forms number corresponding to the program of interest.

LBOF-0411	PTF 5746-RC3
LBOF-0412	PTF 5746-RC3
** LBOF-2240	PTF 5746-AM2
** LBOF-2242	PTF 5746-AM4
SBOF-2250	PTF FOR OS/VS2 SVS
SBOF-2251	PTF FOR OS/VS2 MVS
LBOF-2255	PTF FOR 5746-XE3
LBOF-2256	PTF FOR 5746-XE3
** LBOF-2257	PTF 5746-XE3
** LBOF-4921	PTF 5746-XE6
** LBOF-4922	PTF 5746-XE6
** LBOF-4923	PTF 5746-SA1
** LBOF-4927	PTF 5746-XE8
** SBOF-4928	PTF 5747-CH1
** LBOF-4931	PTF 5735-XX1
** LBOF-4932	PTF 5746-XXV
** LBOF-4933	PTF 5746-AM2
LBOF-6000	COMPONENTS IN SU1 (SUID 5752-801)
SBOF-6375	PTF PROGRAM NUMBER 370N-AS 465 ASSEMBLER BASIC MODULES FOR 370 DOS
SBOF-6376	PTF PROGRAM NUMBER 370N-CL-453 SYS. CONT. AND BASIC IOCS FOR 370 DOS
SBOF-6377	PTF PROGRAM NUMBER 370N-CQ-469 BTAM FOR 370 DOS
SBOF-6378	PTF PROGRAM NUMBER 370N-CQ-470 QTAM FOR 370 DOS
SBOF-6379	PTF PROGRAM NUMBER 370N-DN-481 ON LINE TEST EXEC. PROG. FOR 370 DOS
SBOF-6380	PTF PROGRAM NUMBER 370N-EU-490 EMULATOR FOR 370 DOS
SBOF-6381	PTF PROGRAM NUMBER 370N-IO-454 DIRECT ACCESS METHGD FOR 370 DOS
SBOF-6382	PTF PROGRAM NUMBER 370N-IO-455 CONSECUTIVE DISK IOCS FOR 370 DOS
SBOF-6383	PTF PROGRAM NUMBER 370N-IO-456 CONSECUTIVE TAPE IOCS FOR 370 DOS
SBOF-6384	PTF PROGRAM NUMBER 370N-IO-457 ISFMS FOR 370 DOS
SBOF-6385	PTF PROGRAM NUMBER 370N-IO-458 CONSECUTIVE PT IOCS FOR 370 DOS
SBOF-6386	PTF PROGRAM NUMBER 370N-IO-476, COMPILER I/O MODULES FOR 370 DOS
SBOF-6387	PTF PROGRAM NUMBER 370N-IO-477 1259/1412/1419 MICR IOCS FOR 370 DOS
SBOF-6388	PTF PROGRAM NUMBER 370N-IO-478 OPTICAL CHARACTER READER FOR 370 DOS
SBOF-6389	PTF PROGRAM NUMBER 370N-CQ-493 3735 TERMINAL SUPPORT FOR 370 DOS
SBOF-6390	PTF PROGRAM NUMBER 370N-UT-491 SYSTEM UTILITY PROGRAM FOR 370 DOS
SBOF-6391	PTF PROGRAM NUMBER 370N-UT-492 EREP FOR 370 DOS
SBOF-6392	PTF PROGRAM NUMBER 370N-SV-495 2311/2314/3330 SUPERVISOR FOR 370 DOS
SBOF-6393	M20 EMULATOR (VERSION 4) PTF'S - PROG. NO. 370N-IC-002
SBOF-6400	PTF LISTINGS FOR OS/VS1

SBOF-6401 DOS PTF - PROGRAM NUMBER 5744-AS1
 SBOF-6402 155, 158/7074 EMUL PTF PROGRAM NUMBER 5744-AJ1
 SBOF-6403 165, 168/7080 EMULATOR - PTF PROGRAM NUMBER 5744-AL1
 SBOF-6404 165, 168/7094 EMULATOR - PTF PROGRAM NUMBER 5744-AM1
 SBOF-6405 165, 168/7074 EMULATOR PTF LISTINGS FOR PROGRAM NC. 5744-AK1
 SBOF-6406 1410/7010 EMULATOR PTF LISTINGS FOR PROG. NO. 5744-AG1 PTF 5744
 SBOF-6407 EMULATOR PTF PROGRAM 5744-AH1
 SBOF-6440 PTFS FOR DOS/VS 14XX LISTINGS, SCP COMPONENTS 5745-SC-EML, 5745-SC-E20
 LBOF-7521 5746 ADVANCED FUNCTION PTFS
 LBOF-7523 PTF 5746-XE2
 LBOF-7524 PTF 5746-TS1
 LBOF-7525 PTF 5746-XE3
 LBOF-7526 PTF 5746-XE3
 LBOF-7527 PTF 5746-SU1
 LBOF-7528 PTF 5746-AM2
 ** LBOF-7530 PTF 5746-RC5
 LBOF-7532 PTF FOR 5746-XE8
 LBOF-7600 PTF DOS/VS ACF/VTAM
 LBOF-7601 PTF DOS/VS ACF/VTAM NETWORK
 LBOF-7602 PTF DOS/VS ACF/VTAM
 LBOF-7606 PTF 5746-SA1
 LBOF-7630 PTF 5746-RC2
 LBOF-7631 PTF 5746-RC3
 LBOF-7644 PTF 5736-XX6
 ** LBOF-7645 PTF VS2 5735-XX6
 ** LBOF-7646 PTF VS1 5735-XX6
 LBOF-7655 PTF 5735-XX1
 LBOF-7656 PTF 5735-XX1
 LBOF-7657 PTF 5735-XX3
 LBOF-7658 PTF 5735-XX3
 SBOF-7659 PTF 5747-CH1
 SBOF-7660 PTF 5747-CH1
 SBOF-7661 PTF 5747-CH1, 5747-AG1, 5747-AJ2, 5744-AN1, 5744-BA2
 SBOF-7662 PTF 5744-BA2, 5747-AJ2
 SBOF-7663 PTF 5747-AG1, 5747-AJ2
 SBOF-7664 PTF 5744-AN1, 5744-BA2
 LBOF-9100 MVS PTF 5740-XY4
 LBOF-9101 IMS PTF DB 5740-XX2
 LBOF-9102 PTF IMS SVC UTIL 5740-XX2
 LBOF-9103 PTF IMS DC 5740-XX2
 LBOF-9104 PTF IMS MS 5740-XY2
 LBOF-9105 PTF IMS PP 5740-112
 LBOF-9106 PTF IMS REC CONTROL 5740-122
 LBOF-9107 MVS PTF 5740-AM3
 LBOF-9108 MVS PTF 5735-RC1
 LBOF-9109 MVS PTF 5735-RC1
 LBOF-9110 MVS PTF 5735-RC2
 LBOF-9111 MVS PTF 5735-RC2
 LBOF-9112 MVS PTF 5735-RC2
 LBOF-9113 MVS PTF 5740-XE1
 LBOF-9114 PTF MVS 5740-XE2
 LBOF-9115 PTF MVS 5740-XRB
 LBOF-9116 PTF MVS 5740-XRB
 LBOF-9117 PTF MVS 5740-XT6
 LBOF-9118 PTF MVS 5740-XXH
 LBOF-9119 PTF MVS 5735-XX2
 LBOF-9120 MVS PTF 5740-XY5
 LBOF-9121 MVS PTF 5740-AM8
 LBOF-9122 PTF SVS 5735-RC1
 LBOF-9123 PTF SVS 5735-RC1
 LBOF-9124 PTF SVS 5735-RC2
 LBOF-9125 PTF SVS 5735-RC2
 LBOF-9126 PTF SVS 5735-XX2
 LBOF-9127 PTF VS1 5740-AM8
 LBOF-9128 VS1 PTF 5735-RC1
 LBOF-9129 VS1 PTF 5735-RC1
 LBOF-9130 VS1 PTF 5735-RC2
 LBOF-9131 VS1 PTF 5735-RC2
 LBOF-9132 VS1 PTF 5735-RC2
 LBOF-9133 VS1 PTF 5735-XX2
 LBOF-9134 PTF VS1 5740-XY5
 LBOF-9135 PTF 5735-XR1
 ** LBOF-9136 PTF 5735-RC2
 ** LBOF-9137 PTF 5740-XYG
 ** LBOF-9139 PTF 5735-RC3
 ** LBOF-9140 PTF VS2 5735-RC3
 ** LBOF-9141 PTF FOR 5735-RC3
 ** LBOF-9142 PTF VS1 5735-RC3
 LBOF-9143 PTF FOR 5740-XYG
 LBOF-9144 PTF FOR 5740-XXF
 ** LBOF-9145 PTF 5799-AZT
 ** LBOF-9146 PTF FICHE 5740-XX8
 ** LBOF-9147 PTF FICHE 5735-XX7

** LBOF-9148 PTF 5735-XR1
 LBOF-9149 PTFS 5735-XR1
 ** LBOF-9150 PTF 5799-BAF
 ** LBOF-9151 PTF 5740-XYN
 ** LBOF-9152 PTF FICHE 5662-257
 ** LBOF-9153 PTF 5740-AM7
 ** LBOF-9154 PTF 5748-XXH SC82
 ** LBOF-9155 PTFS FOR 5735-RC5
 ** LBOF-9156 PTFS FOR 5740-XX1
 ** LBOF-9158 PTF 5748-XX9
 ** LBOF-9159 PTF 5748-XXE
 ** LBOF-9160 PTF 5748-XX9
 ** LBOF-9161 PTF 5740-AMA
 ** LBOF-9162 PTF 5734-LM4
 ** LBOF-9163 PTF 5748-AP1
 ** LBOF-9164 PTF 5734-PL1
 ** LBOF-9165 PTF 5734-LM5
 ** LBOF-9167 PTF 5740-XY5
 ** LBOF-9168 PTF 5740-XYN
 ** LBOF-9169 PTF 5740-UT3
 ** LBOF-9170 PTF 5740-XR6
 ** LBOF-9171 PTF 5740-XY5
 ** LBOF-9172 PTF 5740-XYN
 ** LBOF-9173 PTF 5740-XYN
 ** LBOF-9174 PTF 5740-XYN
 ** LBOF-9175 PTF 5668-009
 ** LBOF-9176 PTF 5740-XYQ
 ** LBOF-9177 PTF 5740-XR5
 ** LBOF-9178 PTF 5735-OZS
 ** LBOF-9180 PTFS 5668-002
 LJB2-9509 OS/VS2 853 - RMF VERSION 2 REL 2 SYSTEM EXPANSION SUPPORT
 ** LYB0-8043 VS PERSONAL COMPUTING OS/VS1, LISTINGS, PROG PROD 5740-XR5
 ** LYC9-0252 PTF SVS/OS ACF/VTAM 7912
 LYC9-9205 MVS/OS NCCF 5735-XX6 LBOF-7645 (TAPE 8006)
 LYC9-9256 MVS/OS ACF/TCAM V2 R1 LBOF-9140 (TAPE 8006)
 LYC9-9500 MVS/OS SU91 HOST COMMAND FACILITY FOR VTAM 5735-XR1 LBOF-9148 (TAPE 8006)

99 OS/VS1 Microfiche of System Control Programming (SCP) Code

SJB6-6001 OS/VS1 ANALYSIS PROGRAM 1 (AP-1), SCP 5741-VS1
 SJB6-6004 OS/VS1 ANALYSIS PROGRAM 1 (AP-1) LISTINGS - SCP COMPONENT 5741-SC1-31
 SJB6-6016 OS/VS1 3800 ENHANCEMENTS DATA MANAGEMENT 5652-VS1 RELEASE 7.0, LISTINGS
 SJB6-6017 OS/VS1 3800 ENHANCEMENTS DATA MANAGEMENT SUPPORT 5652-VS1 RELEASE 7.0 LISTINGS
 SJB6-6018 OS/VS1 3800 ENHANCEMENTS UTILITIES 5652-VS1 RELEASE 7.0, LISTINGS
 SJD2-2000 IPL 5741-SC1-C1 VS1 LISTING
 SJD2-2001 IOS 5741-SC1-C3 VS1 LISTING
 SJD2-2002 SUPERVISOR OS/VS1 MICROFICHE LISTING - COMPONENT 5741-SC1-C5
 SJD2-2003 MAPPING MACROS OS/VS1 COMPONENT NO. 5741-SC1-01
 SJD2-2009 SCHEDULER-SMP 5741-SC1-00 VS1 LISTING
 SJD2-2010 UNIT RCD ERP OS/VS1 MICROFICHE LISTING - COMPONENT 5741-SC1-CB
 SJD2-2014 JECS 5741-SC1-B0 VS1 LISTING
 SJD2-2015 I/P STREAM CTL OS/VS1 MICROFICHE LISTING - COMPONENT 5741-SC1-B1
 SJD2-2016 O/P STREAM CTL OS/VS1 MICROFICHE LISTING - PROGRAM 5741-SC1-B2
 SJD2-2017 SYSTEM RESTART OS/VS1 MICROFICHE LISTING - COMPONENT NUMEER 5741-SC1-E3
 SJD2-2018 ALLOCATION OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-B4
 SJD2-2019 SWADS MANAGER 5741-SC1-B5 VS1 LISTING
 SJD2-2020 INITIATOR OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-B6
 SJD2-2021 TERMINATION OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-E7
 SJD2-2022 COMMANDS OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-B8
 SJD2-2023 INTERPRETER OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-B9
 SJD2-2024 OS/VS1 RESTART RDR/DSDR PROCESSING (5741-SC1-BD)
 SJD2-2025 SYSTEM LOG OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-BE
 SJD2-2026 WTP OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-BF
 SJD2-2027 MSI 5741-SC1-BG VS1 LISTING
 SJD2-2028 IMCJOBQD 5741-SC1-17 VS1 LISTING
 SJD2-2030 DIDOCS OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-C4
 SJD2-2031 GAM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-G0
 SJD2-2032 GSP OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-07
 SJD2-2033 RMS OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-CE
 SJD2-2034 OS/VS1 SYSTEM ASSEMBLER COMPONENT NO. 5741-SC1-03
 SJD2-2038 OBR/EREP/RDE OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-CD
 SJD2-2041 GTF OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-11
 SJD2-2042 HMASPZAP OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-12
 SJD2-2043 HMDPRDMP OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-13
 SJD2-2044 HMSADAMP 5741-SC1-15 VS1 LISTING
 SJD2-2045 HMAPTFLE 5741-SC1-16 VS1 LISTING
 SJD2-2046 OLTEP OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-06
 SJD2-2047 REL 4,5 EXTENDED SVC ROUTER 5741-SC1-CF VS1 LISTING (REL 6 NOW IN SJD2-2002)
 SJD2-2048 IEHLIST MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-U2
 SJD2-2049 OS/VS1 BTAM LISTINGS, SCP COMPONENT 5741-SC1-20
 SJD2-2051 OCR OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-D5
 SJD2-2053 IEBTSCRIN OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-UG
 SJD2-2054 CHECKPOINT RESTART OS/VS1 MICROFICHE LISTING - COMPONENT 5741-SC1-09

SJD2-2055 FETCH OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-C7
 SJD2-2056 OVERLAY SUPERVISOR MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-C2
 SJD2-2057 SAM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-D0
 SJD2-2058 OPEN/CLOSE/EOV OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-D1
 SJD2-2059 PAM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-E2
 SJD2-2060 DADSM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-D4
 SJD2-2061 MICR OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-D6
 SJD2-2062 DAM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-E7
 SJD2-2063 ISAM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-D8
 SJD2-2064 JAM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-D9
 SJD2-2067 DASD ERP OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-CA
 SJD2-2068 OS/VS1 LINKAGE EDITOR MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-04
 SJD2-2069 LOADER OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-05
 SJD2-2074 JESCOMPATINT 5741-SC1-DB VS1 LISTING
 SJD2-2076 HMBLIST OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-14
 SJD2-2077 IBCDMPRS 5741-SC1-I0 VS1 LISTING
 SJD2-2078 IBCDASDI MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-I1
 SJD2-2079 ICAPRTBL 5741-SC1-I2 VS1 LISTING
 SJD2-2080 IEHDASDR OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-U0
 SJD2-2081 IEHIOSUP 5741-SC1-U1 VS1 LISTING
 SJD2-2082 IEHATLAS OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-UF
 SJD2-2084 CRJE OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-0A
 SJD2-2085 IEBCOPY 5741-SC1-U6 VS1 LISTING
 SJD2-2086 OS/VS1 COMPONENT NO. 5741-SC1-U7, IEBGENER, LISTINGS
 SJD2-2087 IEBUGPTE OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-U8
 SJD2-2088 IEBTPCH OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-UA
 SJD2-2089 OS/VS1 COMPONENT NO. 5741-SC1-UK, IEBCOMPR LISTINGS
 SJD2-2090 IEBISAM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-UH
 SJD2-2091 IEBDG OS/VS1 MICROFICHE LISTING 5741-SC1-UJ
 SJD2-2092 IEHMOVE OS/VS1 MICROFICHE LISTING 5741-SC1-UC
 SJD2-2094 SMF OS/VS1 MICROFICHE LISTING COMPONENT NUMBER - 5741-SC1-02
 SJD2-2096 OS/VS1 COMPONENT, NO. 5741-SC1-U3, IEHPROGM LISTINGS
 SJD2-2097 OS/VS1 COMPONENT NO. 5741-SC1-UD IEHINITI, LISTINGS
 SJD2-2098 OS/VS1 COMPONENT NO. 5741-SC1-UE, IEHSTATR LISTINGS
 SJD2-2099 CATALOG OS/VS1 MICROFICHE LISTING 5741-SC1-D3
 SJD2-2100 PASSWORD PROTECT OS/VS1 MICROFICHE LISTING COMPONENT NUMBER - 5741-SC1-DC
 SJD2-2101 TAPE ERP/VES 5741-SC1-CC VS1 LISTING
 SJD2-2102 IEBEDIT 5741-SC1-U9 VS1 LISTING
 SJD2-2105 RES 5741-SC1-BB VS1 LISTING
 SJD2-2106 HMDPRDMP EDIT 5741-SC1-18 VS1 LISTING
 SJD2-2107 RES ACCOUNT FACILITY 5741-SC1-BC VS1 LISTINGS
 SJD2-2108 3505 3525 READER PUNCH 5741-SC1-DD VS1 LISTING
 SJD2-2110 EX F/P SIMULATOR 5741-SC1-CP VS1 LISTING
 SJD2-2111 NIP OS/VS1 LISTING, SCP COMPONENT 5741-SC1-C8
 SJD2-2113 VTAM 5741-SC1-23 VS1 LISTING
 SJD2-2114 OS/VS1 IDCAMS MICROFICHE ASSEMBLY LISTINGS, 5741-SC1-DK
 SJD2-2115 3890 DOC PROC 5741-SC1-DF VS1 LISTING
 SJD2-2116 3886 OCR 5741-SC1-DL VS1 LISTING
 SJD2-2118 OS/VS1 VSAM, COMPONENT NO. 5741-SC1-DE LISTINGS
 SJD2-2120 HMASMP 5741-SC1-30 VS1 LISTING
 SJD2-2121 POWER WARNING FEATURE 5741-SC1-DE VS1 LISTING
 SJD2-2122 ISSP 5741-SC1-BK VS1 LISTING
 SJD2-2124 TCAM 5741-SC1-21 VS1 LISTING
 SJD2-2128 SYSGEN 5741-SC1-S1 VS1 LISTING
 SJD2-2129 IMCOSJQD 5741-SC1-19 VS1 LISTING
 SJD2-2131 OS/VS1 3540 DISKETTE SUPPORT - SCP COMPONENT 5741-SC1-DN
 SJD2-2132 MSSC 5741-SC1-DP VS1 LISTING
 SJD2-2134 TOLTEP 5741-SC1-0C VS1 LISTING
 SJD2-2135 3540 DISKETTE 5741-SC1-BL VS1 LISTING
 SJD2-2138 AP-1 5741-SC1-31 VS1 LISTING
 SJD2-2139 DSM ERP 5741-SC1-CI VS1 LISTING
 SJD2-2140 JOB LIST MGR 5741-SC1-BJ VS1 LISTING
 SJD2-2141 MSCTC 5741-SC1-DQ VS1 LISTING
 SJD2-2142 MSVC 5741-SC1-DR VS1 LISTING
 SJD2-2143 MSSDA 5741-SC1-DS VS1 LISTING
 SJD2-2144 TRACE 5741-SC1-DT VS1 LISTING
 SJD2-2145 SERV 5741-SC1-DU VS1 LISTING
 SJD2-2147 COMPONENT INDEX 5741-SC1-ZZ VS1 LISTING
 SJD2-2148 MSS RECOVERY MGMT 5741-SC1-BZ VS1 LISTING
 SJD2-2149 IEBIMAGE 5741-SC1-UM VS1 LISTING
 SJD2-2151 OS/VS1 ASSEMBLER, SCP 5741-AS1, MICROFICHE LISTINGS
 SJD2-2152 OS/VS1 BASE CONTROL PROGRAM EBA1101 5741-BA1 MICROFICHE LISTINGS
 SJD2-2153 OS/VS1 BASIC TELECOMMUNICATIONS ACCESS METHOD 5741-B11 MICROFICHE LISTINGS
 SJD2-2154 OS/VS1 DATA MANAGEMENT 5741-DM1 MICROFICHE LISTINGS
 SJD2-2155 OS/VS1 DATA MANAGEMENT SUPPORT 5741-DS1 MICROFICHE LISTINGS
 SJD2-2156 OS/VS1 ENVIRONMENT, RECORDING, EDITING AND PRINT PROGRAM 5744-ER1 MICROFICHE LISTINGS
 SJD2-2157 OS/VS1 GRAPHICS ACCESS METHOD/GRAPHICS PROGRAM SERVICE, SCP 5741-GA1, MICROFICHE LISTINGS
 SJD2-2158 OS/VS1 GRAPHICS SUBROUTINE PACKAGE SCP 5741-GS1 LISTINGS
 SJD2-2159 OS/VS1 MICR/OCR, SCP 5741-MO1, MICROFICHE LISTINGS
 SJD2-2160 OS/VS1 REL 601 - OBR/EREP
 SJD2-2161 OS/VS1 TELECOMMUNICATIONS ACCESS METHOD VERSION 0 5741-TC1 MICROFICHE LISTINGS

SJD2-2162 OS/VS1 SELECTABLE UNIT 3 (SSS R5, SUID 5741-603) LISTINGS
SJD2-2163 OS/VS1 SELECTABLE UNIT 604 MICROFICHE SUID 5741-604
SJD2-2164 OS/VS1 SELECTABLE UNIT 605 MICROFICHE (SUID 5741-605)
SJD2-2165 OS/VS1 SELECTABLE UNIT 606 MICROFICHE SUID 5741-606
SJD2-2171 OS/VS1 TELECOMMUNICATIONS ACCESS METHOD VERSION 1 5735-RC1 MICROFICHE LISTINGS
*SJD2-2177 OS/VS1 DATA MANAGEMENT SERVICE, SUID 5741-638, MICROFICHE LISTINGS
SJD2-2178 OS/VS1 VPSS 5742-VP1 MICROFICHE LISTINGS
SJD2-2179 OS/VS1 SELECTABLE UNIT 620 MICROFICHE SUID 5741-620
SJD2-2181 OS/VS1 SELECTABLE UNIT 622 MICROFICHE SUID 5741-622
SJD2-2182 SMP ICR FOR VS1-5 REL 03.0, SUID 5741-622
SJD2-2183 OS/VS1 DISPLAY EXCEPTION MONITORING FACILITY, LIC PROG 5741-DEI, MICROFICHE LISTINGS
SJD2-2184 ASSEMBLER LISTINGS
SJD2-2185 OS/VS1 MASS STORAGE SYSTEM 5741-MS1 MICROFICHE LISTINGS
SJD2-2186 OS/VS1 PROGRAM MANAGEMENT 5741-PM1 MICROFICHE LISTINGS
SJD2-2187 OS/VS1 CONVERSATIONAL REMOTE JOB ENTRY SCP 5741-R01 MICROFICHE LISTINGS
SJD2-2188 OS/VS1 SERVICE AIDS 5741-SA1 MICROFICHE LISTINGS
SJD2-2189 OS/VS1 SUBSYSTEM SUPPORT SERVICES SCP 5741-SS1 MICROFICHE LISTINGS
SJD2-2190 OS/VS1 SYSTEMS SUPPORT 5741-ST1 MICROFICHE LISTINGS
SJD2-2191 OS/VS1 SUPPORT 5741-SX1 MICROFICHE LISTINGS
SJD2-2192 OS/VS1 UTILITIES 5741-UT1 MICROFICHE LISTINGS
SJD2-2193 OS/VS1 VIRTUAL TELECOMMUNICATIONS (SNA2) 5741-VT2 MICROFICHE LISTINGS
SJD2-2194 BASE SYSTEM CONTROL PROGRAM (SCHED/SUP/IOS), LISTINGS
**SJD2-2195 VS1/OS GENERAL INDEX REL 067/070 TAPE 8103
SJD2-2197 BASIC TELECOMMUNICATIONS ACCESS METHOD LISTINGS
SJD2-2199 DISPLAY EXCEPTION MONITORING FACILITY (DEMF) LISTINGS
SJD2-2200 DATA MANAGEMENT, LISTINGS
SJD2-2202 DATA MANAGEMENT SUPPORT LISTINGS
SJD2-2204 ENVIRONMENT RECORDING, EDITING AND PRINT PROGRAM, LIC PROG 5744-ER1, LISTINGS
SJD2-2205 GRAPHICS ACCESS METHOD/GRAPHICS PROGRAM SERVICE LISTINGS
SJD2-2206 OS/VS1 GRAPHICS SUBROUTINE PACKAGE, LISTINGS
SJD2-2207 MICR/OCR LISTINGS
SJD2-2208 MASS STORAGE SYSTEM (MSS), LISTINGS
SJD2-2210 PROGRAM MANAGEMENT LISTINGS
SJD2-2211 CONVERSATIONAL REMOTE JOB ENTRY (CRJE) LISTINGS
SJD2-2212 SERVICE AIDS (INCLUDES ORB/MDR), LISTINGS
SJD2-2213 SUBSYSTEM SUPPORT SERVICES LISTINGS
SJD2-2214 SYSTEM SUPPORT, LISTINGS
SJD2-2215 VS/1 SUPPORT, LISTINGS
SJD2-2216 SMP LISTINGS
SJD2-2217 TCAM 10, LISTINGS
SJD2-2218 UTILITIES LISTINGS
SJD2-2220 VPSS, LISTINGS
SJD2-2221 VIRTUAL TELECOMMUNICATIONS (SNA 2) LISTINGS
SJD2-2222 VIRTUAL TELECOMMUNICATIONS (SNA 3) LISTINGS
SJD2-4109 3704/3705 NETWORK CONTROL PROGRAM PROGRAM LISTINGS No. 5744-BA1
SJD2-4129 NCP 5.0, OS/VS SCP 5744-BA2
SJD2-4131 EP 3.0 OS/VS SCP 5744-AN1
SJD2-4144 370X NCP 5.0 5744-BA2 REFRESH
**SJD2-7226 OS/VS1 ACF/TCAM V2 R3 SYSTEM CONTROL PROGRAM (SCP), LIC PROG 5652-VS1, LISTINGS
G320-6075 OS/VS1 MICROFICHE FORMATS AND FILING METHODS

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SJA0-0300 OS/VS2 REL 868 DEMF
SJA0-0302 SINGLE VIRTUAL SYSTEM/DATA EXCEPTION MONITORING FACILITY PROGRAM, (SVS/DEMF), 5742-017
SJB1-0434 VTAM SCP FOR OS/VS, PROG 5742-017 COMPONENT 5742-SC1-23-571
SJB1-0461 SVS VTAM ICR - OS/VS SCP 5742-017
SJB2-9000 OS/VS2 REL 3.0 SMP 5752-VS2 PROGRAM LISTINGS
SJB2-9001 VS2 REL 1.7 SMP 5742-017 PROGRAM LISTINGS
SJB2-9003 OS/VS2 REL 01.7 - OBR/EREP/RDE MICROFICHE LISTINGS
SJB2-9004 OS/VS2 RELEASE 03.6- OBR/EREP/RDE
SJB2-9006 OS/VS2 SVS PROCESSOR SUPPORT, SCP 5742-017, ICR UY99951
SJB2-9007 OS/VS2 MVS PROCESSOR SUPPORT 2
SJB2-9008 OS/VS2 MVS PROCESSOR SUPPORT 2 MICROFICHE LISTINGS
SJB2-9009 JES 3 3800 ENHANCEMENT, LISTINGS
**SJB2-9010 EREP RELEASE 1.1 OS/VS2 RELEASE 3.8 OS/VS1 RELEASE 7.0, LIC PROG 5744-ER1, LISTINGS
SJB6-6000 OS/VS2 VSAM ENHANCED MICROFICHE REL 3.0, 3.6, 3.7
SJB6-6002 OS/VS2 ANALYSIS PROGRAM 1 (AP-1) PROGRAM LISTING - SCP COMPONENT 5752-SC1-31
SJB6-6006 IBM 3800 PRINTING SUBSYSTEM ICR (UY99914) 5742-017 INDEX
SJB6-6007 OS/VS2 (SVS) ICR FOR THE 3850 MSS AND ENHANCED VSAM INDEX
SJB6-6008 OS/VS2 (SVS) ICR FOR THE 3850 ALLOCATION TO MOUNTED VOLUMES
SJB6-6013 OS/VS2 (MVS) 3800 ENHANCEMENTS DATA MANAGEMENT 5752-VS2, LISTINGS
SJB6-6014 OS/VS2 (MVS) 3800 ENHANCEMENTS DATA MANAGEMENT SUPPORT 5752-VS2, LISTINGS
SJB6-6015 OS/VS2 (MVS) 3800 ENHANCEMENTS UTILITIES 5752-VS2, LISTINGS
SJD2-0001 MICROFICHE FOR OS/VS2 RELEASE 1.6 REFERENCE LISTINGS
SJD2-0010 OS/VS2 SMF (5742-SC1-02)
SJD2-0020 OS/VS2 IEHINITT (5742-SC1-UD)
SJD2-0030 OS/VS2 IEHSTATR (5742-SC1-UE)
SJD2-0040 OS/VS2 TAPE ERP/VES (5742-SC1-CC)
SJD2-0050 OS/VS2 IEBEDIT (5742-SC1-U9)

SJD2-0060 OS/VS2 IEHLIST (5742-SC1-U2)
 SJD2-0070 OS/VS2 IEHPRGM (5742-SC1-U3)
 SJD2-0080 OS/VS2 CATALOG (5742-SC1-D3)
 SJD2-0090 OS/VS2 SMP SCHEDULER (5742-SC1-00)
 SJD2-0100 OS/VS2 TSO TRACE (5742-SC1-T9)
 SJD2-0110 OS/VS2 PASSWORD PROTECT (5742-SC1-DC)
 SJD2-0120 OS/VS2 TSO UTILITIES (5742-SC1-T2)
 SJD2-0130 OS/VS2 TSO TEST (5742-SC1-T1)
 SJD2-0140 OS/VS2 EXT/PREC/PLT PT SIM (5742-SC1-CP)
 SJD2-0160 OS/VS2 IEHMOVE (5742-SC1-UC)
 SJD2-0170 OS/VS2 IEBCOPY (5742-SC1-U6)
 SJD2-0180 OS/VS2 IEBGENER (5742-SC1-U7)
 SJD2-0190 OS/VS2 IEBUPDTE (5742-SC1-U8)
 SJD2-0200 OS/VS2 IEBPTPCH (5742-SC1-UA)
 SJD2-0210 OS/VS2 IEBCOMPR (5742-SC1-UK)
 SJD2-0220 OS/VS2 IEBISAM (5742-SC1-UH)
 SJD2-0230 OS/VS2 IEBDG (5742-SC1-UJ)
 SJD2-0240 OS/VS2 TSO EDIT (5742-SC1-T0)
 SJD2-0250 OS/VS2 IPL (5742-SC1-C1)
 SJD2-0260 OS/VS2 SUPERVISOR (5742-SC1-C5)
 SJD2-0270 OS/VS2 RMS (5742-SC1-CE)
 SJD2-0280 OS/VS2 GSP (5742-SC1-07)
 SJD2-0290 OS/VS2 GAM (5742-SC1-G0)
 SJD2-0300 OS/VS2 DIDOCS (5742-SC1-C4)
 SJD2-0310 OS/VS2 DSS (5742-SC1-10)
 SJD2-0320 OS/VS2 TSO SUPERVISOR (5742-SC1-T7)
 SJD2-0330 OS/VS2 SYSTEM RESTART (5742-SC1-B3)
 SJD2-0350 OS/VS2 ALLOCATION (5742-SC1-B4)
 SJD2-0360 OS/VS2 Q MANAGER (5742-SC1-B5)
 SJD2-0370 OS/VS2 INITIATOR (5742-SC1-B6)
 SJD2-0380 OS/VS2 TERMINATION (5742-SC1-B7)
 SJD2-0390 OS/VS2 COMMANDS (5742-SC1-B8)
 SJD2-0400 OS/VS2 READER/INTERPRETER (5742-SC1-B9)
 SJD2-0410 OS/VS2 TSO SCHEDULER (5742-SC1-T4)
 SJD2-0430 OS/VS2 GTF (5742-SC1-11)
 SJD2-0440 OS/VS2 AMASPZAP (5742-SC1-12)
 SJD2-0450 OS/VS2 AMDPRDMP (5742-SC1-13)
 SJD2-0460 OS/VS2 AMDSADMP (5742-SC1-15)
 SJD2-0470 OS/VS2 AMAPTPLE (5742-SC1-16)
 SJD2-0480 OS/VS2 AMDPRDMP/EDIT (5742-SC1-18)
 SJD2-0490 OS/VS2 3735 MACROS/UTILITY (5742-SC1-22)
 SJD2-0530 OS/VS2 EXTENDED SVC ROUTER (5742-SC1-CF)
 SJD2-0540 OS/VS2 MAPPING MACROS (5742-SC1-01)
 SJD2-0550 OS/VS2 OLTEP (5742-SC1-06)
 SJD2-0560 OS/VS2 BTAM (5742-SC1-20)
 SJD2-0570 OS/VS2 TCAM (5742-SC1-21)
 SJD2-0580 OS/VS2 IEBTCRIN (5742-SC1-UG)
 SJD2-0590 OS/VS2 3505/3525 (5742-SC1-DD)
 SJD2-0600 OS/VS2 OCR (5742-SC1-D5)
 SJD2-0640 OS/VS2 OVERLAY SUPERVISOR (5742-SC1-C2)
 SJD2-0650 OS/VS2 PETCH (5742-SC1-C7)
 SJD2-0660 OS/VS2 SAM (5742-SC1-D0)
 SJD2-0670 OS/VS2 PAM (5742-SC1-D2)
 SJD2-0680 OS/VS2 MICR (5742-SC1-D6)
 SJD2-0690 OS/VS2 DAM (5742-SC1-D7)
 SJD2-0700 OS/VS2 IOS (5742-SC1-C3)
 SJD2-0710 OS/VS2 DASD ERP (5742-SC1-CA)
 SJD2-0720 OS/VS2 UNIT RECORD ERP (5742-SC1-CB)
 SJD2-0730 OS/VS2 TSO SUBROUTINE TCAM (5742-SC1-T8)
 SJD2-0740 OS/VS2 TSO DATA MANAGEMENT (5742-SC1-T3)
 SJD2-0750 OS/VS2 IBCDMPRS (5742-SC1-I0)
 SJD2-0760 OS/VS2 IBCDASDI (5742-SC1-I1)
 SJD2-0770 OS/VS2 IEHDASDR (5742-SC1-U0)
 SJD2-0780 OS/VS2 IEHATLAS (5742-SC1-UF)
 SJD2-0790 OS/VS2 SYSOUT WRITER (5742-SC1-B2)
 SJD2-0800 OS/VS2 ICAPRTBL (5742-SC1-I2)
 SJD2-0810 OS/VS2 ISAM (5742-SC1-D8)
 SJD2-0820 OS/VS2 CHECKPOINT/RESTART (5742-SC1-09)
 SJD2-0830 OS/VS2 OPEN/CLOSE/EOV (5742-SC1-D1)
 SJD2-0840 OS/VS2 DADSM (5742-SC1-D4)
 SJD2-0850 OS/VS2 LINK LOADGO PROMPTER (5742-SC1-T5)
 SJD2-0860 OS/VS2 LINKAGE EDITOR (5742-SC1-04)
 SJD2-0870 OS/VS2 LOADER (5742-SC1-05)
 SJD2-0880 OS/VS2 AMBLIST (5742-SC1-14)
 SJD2-0890 OS/VS2 ASSEMBLER XF (5742-SC1-03)
 SJD2-0920 OS/VS2 3895 ICR SVS 1.7 MICROFICHE
 SJD2-0921 OS/VS2 3895 ICR SVS 1.7 MICROFICHE
 SJD2-0922 OS/VS2 3895 ICR SVS 1.7 MICROFICHE
 SJD2-0923 OS/VS2 3895 ICR SVS 1.7 MICROFICHE
 SJD2-0924 OS/VS2 3895 ICR SVS 1.7 MICROFICHE
 SJD2-0925 OS/VS2 3895 ICR SVS 1.7 MICROFICHE
 SJD2-0926 OS/VS2 3895 ICR SVS 1.7 MICROFICHE
 SJD2-1280 SMP ICR FOR SVS REL 1.7 (SU63)

SJD2-4109 3704/3705 NETWORK CONTROL PROGRAM PROGRAM LISTINGS No. 5744-BA1
 SJD2-4129 NCP 5.0, OS/V5 SCP 5744-BA2
 SJD2-4131 EP 3.0 OS/V5 SCP 5744-AN1
 SJD2-4144 370X NCP 5.0 5744-BA2 REFRESH
 SJD2-4200 OS/V52 RELEASE 3.7 SYSTEM CROSS REFERENCE
 SJD2-4230 OS/V52 RELEASE 2.0 JES2 5752-SC1-BH
 SJD2-4240 OS/V52 RELEASE 2.0 EXTERNAL WRITER 5752-SC1-B2
 SJD2-4250 OS/V52 RELEASE 2.0 SCHEDULER RESTART 5752-SC1-B3
 SJD2-4260 OS/V52 RELEASE 2.0 ALLOC/UNALLOCATE 5752-SC1-B4
 SJD2-4270 OS/V52 RELEASE 2.0 SWA MANAGER 5752-SC1-B5
 SJD2-4280 OS/V52 RELEASE 2.0 INITIATOR TERMINATOR 5752-SC1-B6
 SJD2-4300 OS/V52 RELEASE 2.0 SYSTEM COMMANDS (SVC34) 5752-SC1-B8
 SJD2-4310 OS/V52 RELEASE 2.0 CONVERTER/INTERPRETER 5752-SC1-B9
 SJD2-4320 OS/V52 RELEASE 2.0 DASD ERP 5752-SC1-CA
 SJD2-4330 OS/V52 RELEASE 2.0 UNIT RECORD ERP 5752-SC1-CB
 SJD2-4340 OS/V52 RELEASE 2.0 TAPE ERP 5752-SC1-CC
 SJD2-4350 OS/V52 RELEASE 2.0 OBR/EREP/RDE 5752-SC1-CD
 SJD2-4360 OS/V52 RELEASE 2.0 RMS 5752-SC1-CE
 SJD2-4370 OS/V52 RELEASE 2.0 EXTEND SVC ROUTER 5752-SC1-CF
 SJD2-4380 OS/V52 RELEASE 2.0 SVC 109 5752-SC1-CG
 SJD2-4390 OS/V52 RELEASE 2.0 VIRTUAL STORAGE MANAGER 5752-SC1-CH
 SJD2-4400 OS/V52 RELEASE 2.0 CONTENTS SUPERVISOR 5752-SC1-CJ
 SJD2-4410 OS/V52 RELEASE 2.0 COMMUNICATOR TASK 5752-SC1-CK
 SJD2-4420 OS/V52 RELEASE 2.0 TASK MAN 5752-SC1-CL
 SJD2-4430 OS/V52 RELEASE 2.0 RECOVERY TERMINATION 5752-SC1-CM
 SJD2-4440 OS/V52 RELEASE 2.0 EXT FLOATING POINT 5752-SC1-CP
 SJD2-4450 OS/V52 RELEASE 2.0 MF/1 5752-SC1-CQ
 SJD2-4460 OS/V52 RELEASE 2.0 REAL STORAGE MAN 5752-SC1-CB
 SJD2-4470 OS/V52 RELEASE 2.0 REGION CONTROL TASK 5752-SC1-CU
 SJD2-4480 OS/V52 RELEASE 2.0 TIMER SUPERVISION 5752-SC1-CV
 SJD2-4490 OS/V52 RELEASE 2.0 AUXILIARY STORAGE MAN 5752-SC1-CW
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 SJD2-4510 OS/V52 RELEASE 2.0 RADIX PARTITION 5752-SC1-CY
 SJD2-4520 OS/V52 RELEASE 2.0 MP RECONFIGURATION 5752-SC1-CZ
 SJD2-4540 OS/V52 RELEASE 2.0 OVERLAY SUPERVISOR 5752-SC1-C2
 SJD2-4550 OS/V52 RELEASE 2.0 IOS 5752-SC1-C3
 SJD2-4560 OS/V52 RELEASE 2.0 DIDOCS 5752-SC1-C4
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 SJD2-4580 OS/V52 RELEASE 2.0 EXCP 5752-SC1-C6
 SJD2-4590 OS/V52 RELEASE 2.0 FETCH 5752-SC1-C7
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 SJD2-4650 OS/V52 RELEASE 2.0 3505/3525 READER 5752-SC1-DD
 SJD2-4660 OS/V52 RELEASE 2.0 VSAM 5752-SC1-DE
 SJD2-4670 OS/V52 RELEASE 2.0 3890 DOCUMENT PROCESSOR 5752-SC1-DF
 SJD2-4680 OS/V52 RELEASE 2.0 VBP (VIQ) 5752-SC1-DG
 SJD2-4690 OS/V52 RELEASE 2.0 CATALOG CONTROLLER 5752-SC1-DH
 SJD2-4700 OS/V52 RELEASE 2.0 WINDOW INTERCEPT 5752-SC1-DJ
 SJD2-4710 OS/V52 RELEASE 2.0 ACCESS METHOD SERVICES 5752-SC1-DK
 SJD2-4720 OS/V52 RELEASE 2.0 3886 OCR 5752-SC1-DL
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 SJD2-4740 OS/V52 RELEASE 2.0 OPEN/CLOSE/EOV 5752-SC1-D1
 SJD2-4750 OS/V52 RELEASE 2.0 BPAM 5752-SC1-D2
 SJD2-4770 OS/V52 RELEASE 2.0 DADSM 5752-SC1-D4
 SJD2-4780 OS/V52 RELEASE 2.0 OCR 5752-SC1-D5
 SJD2-4790 OS/V52 RELEASE 2.0 MICR 5752-SC1-D6
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 SJD2-4810 OS/V52 RELEASE 2.0 ISAM 5752-SC1-D8
 SJD2-4820 OS/V52 RELEASE 2.0 GAM 5752-SC1-G0
 SJD2-4830 OS/V52 RELEASE 2.0 IBCDMPRS 5752-SC1-I0
 SJD2-4840 OS/V52 RELEASE 2.0 IBCDASDI 5752-SC1-I1
 SJD2-4850 OS/V52 RELEASE 2.0 ICAPRTBL 5752-SC1-I2
 SJD2-4860 OS/V52 RELEASE 2.0 TSO EDIT 5752-SC1-T0
 SJD2-4870 OS/V52 RELEASE 2.0 TSO TEST 5752-SC1-T1
 SJD2-4880 OS/V52 RELEASE 2.0 TSO UTILITIES 5752-SC1-T2
 SJD2-4890 OS/V52 RELEASE 2.0 TSO TI0C 5752-SC1-T3
 SJD2-4900 OS/V52 RELEASE 2.0 TSO SCHEDULER 5752-SC1-T4
 SJD2-4910 OS/V52 RELEASE 2.0 TSO LINK LOADGO PROMP 5752-SC1-T5
 SJD2-4930 OS/V52 RELEASE 2.0 UTILITIES DEBPTPCH 5752-SC1-UA
 SJD2-4940 OS/V52 RELEASE 2.0 UTILITIES IEHMOVE 5752-SC1-UC
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 SJD2-4960 OS/V52 RELEASE 2.0 UTILITIES IEHSTATR 5752-SC1-UE
 SJD2-4970 OS/V52 RELEASE 2.0 UTILITIES IEHATLAS 5752-SC1-UF
 SJD2-4980 OS/V52 RELEASE 2.0 UTILITIES IEBTCTRIN 5752-SC1-UG
 SJD2-4990 OS/V52 RELEASE 2.0 UTILITIES IEHBISAM 5752-SC1-UH
 SJD2-5000 OS/V52 RELEASE 2.0 UTILITIES IEBDG 5752-SC1-UJ
 SJD2-5010 OS/V52 RELEASE 2.0 UTILITIES IEBCOMPR 5752-SC1-UK
 SJD2-5020 OS/V52 RELEASE 2.0 UTILITIES IEHUCAT 5752-SC1-UY
 SJD2-5030 OS/V52 RELEASE 2.0 UTILITIES IEHDASDR 5752-SC1-U0
 SJD2-5040 OS/V52 RELEASE 2.0 UTILITIES IEHLIST 5752-SC1-U2

SJD2-5050 OS/VS2 RELEASE 2.0 UTILITIES IEHPROGM 5752-SC1-U3
 SJD2-5060 OS/VS2 RELEASE 2.0 UTILITIES IEBCOPY 5752-SC1-U6
 SJD2-5070 OS/VS2 RELEASE 2.0 UTILITIES IEBGENER 5752-SC1-U7
 SJD2-5080 OS/VS2 RELEASE 2.0 UTILITIES IEBUPDTE 5752-SC1-U8
 SJD2-5090 OS/VS2 RELEASE 2.0 UTILITIES IEEDIT 5752-SC1-U9
 SJD2-5110 OS/VS2 RELEASE 2.0 POWER WARNING FEATURE 5752-SC1-OE
 SJD2-5120 OS/VS2 RELEASE 2.0 SCHEDULER SMF 5752-SC1-00
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 SJD2-5140 OS/VS2 RELEASE 2.0 SMF 5752-SC1-02
 SJD2-5150 OS/VS2 RELEASE 2.0 ASSEMBLER 5752-SC1-03
 SJD2-5160 OS/VS2 RELEASE 2.0 LINKAGE EDITOR 5752-SC1-04
 SJD2-5170 OS/VS2 RELEASE 2.0 LOADER 5752-SC1-05
 SJD2-5180 OS/VS2 RELEASE 2.0 OLTEP 5752-SC1-06
 SJD2-5190 OS/VS2 RELEASE 2.0 GSP 5752-SC1-07
 SJD2-5200 OS/VS2 RELEASE 2.0 CHECKPOINT RESTART 5752-SC1-09
 SJD2-5210 OS/VS2 RELEASE 2.0 DSS 5752-SC1-10
 SJD2-5220 OS/VS2 RELEASE 2.0 GTF 5752-SC1-11
 SJD2-5230 OS/VS2 RELEASE 2.0 AMASPZAP 5752-SC1-12
 SJD2-5240 OS/VS2 RELEASE 2.0 AMDPRDMP 5752-SC1-13
 SJD2-5250 OS/VS2 RELEASE 2.0 AMBLIST 5752-SC1-14
 SJD2-5260 OS/VS2 RELEASE 2.0 AMDSADMP 5752-SC1-15
 SJD2-5270 OS/VS2 RELEASE 2.0 AMPTFLE 5752-SC1-16
 SJD2-5280 OS/VS2 RELEASE 2.0 AMDPRDMP EDIT 5752-SC1-18
 SJD2-5290 OS/VS2 RELEASE 2.0 BTAM 5752-SC1-20
 SJD2-5300 OS/VS2 RELEASE 2.0 TCAM 5752-SC1-21
 SJD2-5320 OS/VS2 RELEASE 2.0 VTAM 5752-SC1-23
 SJD2-5330 OS/VS2 REL 815 - SMP - 5752-SC1-30
 SJD2-5360 OS/VS2 RELEASE 03.0 ERIC 2 LISTINGS - COMPONENT NO. 5752-SC1-DN
 SJD2-5380 OS/VS2 RELEASE 03.0 VVIC LISTINGS COMPONENT NO. 5752-SC1-DR
 SJD2-5400 OS/VS2 RELEASE 03.0 MSS TRACE REPORT LISTINGS COMPONENT NO. 5752-SC1-IT
 SJD2-5410 OS/VS2 RELEASE 03.0 MSS UTILITIES LISTINGS - COMPONENT NO. 5752-SC1-DU
 SJD2-5420 OS/VS2 RELEASE 03.0 TOLTEP LISTINGS - COMPONENT NO. 5752-SC1-0C
 SJD2-5440 OS/VS2 RELEASE 03.0 DSMTCL LISTINGS - COMPONENT NO. 5752-SC1-DQ
 SJD2-5450 OS/VS2 RELEASE 03.0 HOST SUPPORT SSS LISTINGS - COMPONENT NO. 5752-SC1-SS
 SJD2-5460 OS/VS2 RELEASE 03.0 DSM ERP LISTINGS - COMPONENT NO. 5752-SC1-CI
 SJD2-5470 OS/VS2 RELEASE 03.7 MSS RECOVERY MGMT LISTINGS, SCP COMPONENT 5752-SC1-EZ
 SJD2-6000 OS/VS2 SU01 801 LISTINGS
 SJD2-6001 OS/VS2 802 SU02 LISTINGS
 SJD2-6002 OS/VS2 SU4 LISTINGS, SUID 5752-804
 SJD2-6003 OS/VS2 SU05 805 LISTINGS
 SJD2-6004 OS/VS2 813 SU13 LISTINGS
 SJD2-6005 OS/VS2 SU10 810
 SJD2-6006 OS/VS2 SU07 807
 SJD2-6007 OS/VS2 SU8 LISTINGS, SUID 5752-808
 SJD2-6008 OS/VS2 SU17 LISTINGS, SUID 5752-817
 SJD2-6009 OS/VS2 827 SU27 LISTINGS
 SJD2-6010 OS/VS2 SU21 LISTINGS, SUID 5752-821
 SJD2-6011 OS/VS2 848 SU48, LISTINGS
 SJD2-6012 OS/VS2 SU25 LISTINGS, SUID 5752-825
 SJD2-6013 OS/VS2 816 SU16, LISTINGS
 SJD2-6014 OS/VS2 824 SU24, LISTINGS
 SJD2-6015 OS/VS2 RELEASE 03.7E, RACF LISTINGS
 SJD2-6016 OS/VS2 RELEASE 03.7E, AP-1 ALTERNATE PATH RECOVERY MICROFICHE LISTINGS
 SJD2-6160 OS/VS2 SUID 5752-830 MOHAWK LISTINGS
 SJD2-6161 OS/VS2 JES3 LISTINGS, SU 18 (SU ID 5752-818)
 SJD2-6162 OS/VS2 MVS DUMPING IMPROVEMENTS, SUID 5752-833, MICROFICHE DUMP
 SJD2-6163 OS/VS2 158/168 ATTACHED PROCESSOR SELECTABLE UNIT LISTINGS, SUID 5752-847
 SJD2-6164 OS/VS2 SYSTEM SECURITY SUPPORT SELECTABLE UNIT LISTINGS, SUID 5752-832
 SJD2-6165 OS/VS2 HARDWARE RECOVERY ENHANCEMENTS SELECTABLE UNIT LISTIN SUID 5752-855
 SJD2-6166 OS/VS2 VECTOR PROCESSING SUBSYSTEM (VPSS) SUID 5744-CK1
 SJD2-6167 OS/VS2 SMP RELEASE 3 LISTINGS - SUID 5752-863
 SJD2-6168 SMP ICR FOR VS2 REL 2.0, 3.0, 3.0, 3.6 AND GENERAL INDEX
 SJD2-6170 OS/VS2 TCAM, SUID 5752-836, MICROFICHE LISTINGS
 SJD2-6171 OS/VS2 REL 858 VTAM, SUID 5752-858, LISTINGS
 SJD2-6172 OS/VS2 SUID 5752-829 MVS 3838 SUPPORT MICROFICHE SOURCE LISTINGS
 SJD2-6174 OS/VS2 SUID 5752-837 HOST SUPPORT SSS FICHE SOURCE LISTINGS
 SJD2-6176 OS/VS2 REL 860 OPEN/DADSM/IEHLIST
 SJD2-6177 VS2 SU857 INTERACTIVE PROBLEM CONTROL SYSTEM SUID 5752-857
 SJD2-6178 OS/VS2 REL 826 JES 3 RELEASE 3
 **SJD2-6180 OS/VS2 REL 884 DEVICE SUPPORT FACILITIES MANAGEMENT SERVICES
 SJD2-6216 OS/VS2 RELEASE 3.8 XF ASSEMBLER EAS1102, LIC PROG 5752-AS1 MICROFICHE LISTINGS
 SJD2-6217 OS/VS2 REL 3.8 BASE CONTROL PROGRAM EBB1102
 SJD2-6221 OS/VS2 REL 3.8 (BTAM) BASIC TELECOMMUNICATION ACCESS METHOD EBT1102 MICROFICHE LISTINGS
 SJD2-6223 OS/VS2 REL 3.8 (DEMF) DISPLAY EXCEPTION MONITORING FACILITY EDE1102 MICROFICHE LISTINGS
 SJD2-6224 OS/VS2 REL 3.8 MVS DATA MANAGEMENT EDM1102 MICROFICHE LISTING
 SJD2-6228 OS/VS2 RELEASE 3.8 MVS DATA MANAGEMENT SUPPORT EDS1102 MICROFICHE LISTING
 SJD2-6232 OS/VS2 REL 3.8 (GAM-GPS) GRAPHIC ACCESS METHOD GRAPHIC PROGRAMMING SERVICE EGA1102
 SJD2-6233 OS/VS2 REL 3.8 (GSP) GRAPHIC SUBROUTINE PACKAGE FOR FORTRAN 4, COBCL, AND PL/I LANG 5752-GS1 EGS1102 MICROFICHE LISTING
 SJD2-6235 OS/VS2 REL 3.8 (IPCS) INTERACTIVE PROBLEM CONTROL PROGRAM EIP1102 MICROFICHE

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SJD2-6236 JOB ENTRY SUBSYSTEM 2 (JES2) 3800 ENHANCEMENTS
 SJD2-6238 OS/VS2 RELEASE 3.8 (JES3) VERSION 2 JOB ENTRY SUBSYSTEM 3 EJS1102 MICROFICHE LISTINGS

SJD2-6239 OS/VS2 RELEASE 3.8 MF/1
 SJD2-6240 OS/VS2 REL 3.8 5752-M11 (MICR/OCR) EMI1102 MICROFICHE LISTINGS
 SJD2-6242 OS/VS2 REL 3.8 (MSS) MASS STORAGE SYSTEM EMS1102 MICROFICHE LISTINGS
 **SJD2-6244 OS/VS2 REL 3.8 PLR MICROFICHE INDEX, LISTINGS
 SJD2-6245 OS/VS2 REL 3.8 PROGRAM MANAGEMENT EPM1102 PROG 5752-PM1 MICROFICHE LISTINGS
 SJD2-6249 OS/VS2 RELEASE 3.8 (SSS) SUBSYSTEM SUPPORT SERVICES ESS1102 MICROFICHE LISTINGS
 SJD2-6250 OS/VS2 REL 3.8 SYSTEM SUPPORT EST1102 PROG 5752-ST1 MICROFICHE LISTINGS
 SJD2-6251 OS/VS1 RELEASE 6.7 VERSION 2 RELEASE 3.8 (SMP) SYSTEM MODIFICATION PROGRAM ES41400 MICROFICHE LISTINGS

SJD2-6256 OS/VS2 REL 3.8 (TCAM10) TELECOMMUNICATION ACCESS METHOD ETC0108 MICROFICHE LISTINGS

** SJD2-6257 OS/VS2 REL 3.8 (TCAM11) ACF/TCAM SCP ETC1102 MICROFICHE LISTINGS
 SJD2-6260 OS/VS2 RELEASE 3.8 (TIOC) TERMINAL INPUT/OUTPUT CONTROLLER ETI1106 MICROFICHE LISTINGS

SJD2-6262 OS/VS2 REL 3.8 TSO/VTAM ETV0108 PROG 5752-TV1 MICROFICHE LISTINGS
 SJD2-6263 OS/VS2 REL 3.8 UTILITIES EUT1102 MICROFICHE LISTINGS
 SJD2-6265 OS/VS2 RELEASE 3.8 VPSS FOR MVS, EVP1102 MICROFICHE LISTINGS
 SJD2-6266 OS/VS2 REL 3.8 VTAM 5752-VT1 EVT0108 MICROFICHE LISTINGS
 SJD2-6267 OS/VS2 RELEASE 3.8 Ver 1 ACF/VTAM 5735-RC2, LISTING
 SJD2-6271 OS/VS2 REL 3.8 XWTR EXW1102 PROG 5752-XW1 MICROFICHE LISTINGS
 SJD2-7200 SVS TCAM NCP/VS DIRECT - TCAM LEVEL 10
 SJD2-7201 SVS TCAM 10 XREF, PROG PROD 5742-017 FEATURE 5074/5075
 SJD2-7205 TIOC SUPPORT FOR TCAM 10
 SJD2-7210 OS/VS2 554 ACF/TCAM SCP
 **SJD2-7220 OS/VS2 ACF/TCAM V2 R3 SYSTEM CONTROL PROGRAM SCP 5752-VS2 LISTINGS
 SJD2-9005 SU51, OS/VS2 MVS PROCESSOR SUPPORT LISTINGS, 5752-851
 SYB0-8090 OS/VS2 RELEASE 3 INDEPENDENT COMPONENT: JES3 ASSEMBLY LISTINGS AND CRCS REFERENCE TABLE 5752-SC1-BA

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SJB1-0406 BTAM SCP FOR DOS/VSE BASIC TELECOMMUNICATION ACCESS METHOD SYSTEM CONTROL PROGRAMMING, SCP 5747-GC1 MICROFICHE LISTING

SJB6-6003 DOS/VS ANALYSIS PROGRAM 1 (AP-1) LISTINGS - SCP COMPONENT 5745-SC-APC
 SJB6-6009 DOS/VS POWER/VS IBM 3800 PRINTING SUBSYSTEM ICR PROGRAM LISTING MICROFICHE
 SJB6-6010 DOS/VS REL 34 IBM 3800 PRINTING SUBSYSTEM ICR PROGRAM LISTING MICROFICHE, 5745-010

SJB6-6011 DOS/VS REL 35 (5747-CC1) 3800 PRINTING SUBSYSTEM IR MICROFICHE LISTINGS
 **SJB6-6019 DOS/VSE DEVICE SUPPORT FACILITIES, 5745-030 DOSXE83 LISTINGS

SJD2-4130 NCP 5.0, DOS/VS SCP 5747-AJ2
 SJD2-4138 ACF/NCP/VS R.2.1 NCP/SSP MODULES 5747-CH1, LISTINGS
 SJD2-4139 ACF/NCP/VS R.2.1 NCP/SSP MODULES 5747-CH1 DOS, LISTINGS
 STD2-4138 ACF/NCP/VS R2.0 NCP/SSP MODULES 5747-CH1, LISTINGS (SJD2-4138-1)
 STD2-4139 ACF/NCP/VS R2.0 NCP/SSP MODULES 5747-CH1 DOS, LISTINGS (SJD2-4139-1)

**SYB0-2540 VSE SYSTEM IPO/E & SYSTEM IPO VSE SUPERVISOR ASSEMBLY LISTINGS
 SYC7-0450 DOS/VS ANALYSIS PROGRAM 1, LISTINGS - SCP COMPONENT 5745-SC-APC
 SYC7-0451 DOS/VS MAINTAIN SYSTEM HISTORY LISTING

**SYC7-0452 DOS/VS OLTEP (CARDLESS) INDEPENDENT COMPONENT RELEASE 33.0
 SYC7-0466 DOS/VS 3031 PROCESSOR ICR 5745-010 MICROFICHE LISTINGS
 SYC7-1932 DISK OPERATING SYSTEM/VIRTUAL STORAGE ATTENTION ROUTINES LISTINGS - COMPONENT NUMBER 5745-SC-AIT

SYC7-1933 DISK OPERATING SYSTEM/VIRTUAL STORAGE ACCESS METHOD SERVICES PROG PROC 5745-SC-AMS

SYC7-1934 DOS/VS ASSEMBLER LISTINGS, COMPONENT NO. 5745-SC-ASM
 SYC7-1935 DISK OPERATING SYSTEM/VIRTUAL STORAGE BTAM LISTINGS COMPONENT NUMBER 5745-SC-BTM

SYC7-1936 DISK OPERATING SYSTEM/VIRTUAL STORAGE CHECKPOINT/RESTART LISTINGS - COMPONENT NUMBER 5745-SC-CKR

SYC7-1937 DISK OPERATING SYSTEM/VIRTUAL STORAGE DIRECT ACCESS METHOD LISTINGS - COMPONENT NUMBER 5745-SC-DAM

SYC7-1938 DISK OPERATING SYSTEM/VIRTUAL STORAGE DISK ERP LISTINGS COMPONENT NUMBER 5745-SC-DKE

SYC7-1939 DISK OPERATING SYSTEM/VIRTUAL STORAGE DISPLAY OPERATOR CONSOLE LISTINGS - COMPONENT NUMBER 5745-SC-DOC

SYC7-1940 DISK OPERATING SYSTEM/VIRTUAL STORAGE SEQUENTIAL DISK IOCS LISTINGS - COMPONENT NUMBER 5745-SC-DSK

SYC7-1942 DISK OPERATING SYSTEM/VIRTUAL STORAGE EREP LISTINGS COMPONENT NUMBER 5745-SC-ERP

SYC7-1943 DISK OPERATING SYSTEM/VIRTUAL STORAGE MODEL 20 EMULATOR LISTINGS - COMPONENT NUMBER 5745-SC-E20

SYC7-1944 DISK OPERATING SYSTEM/VIRTUAL STORAGE COMPILER I/C MODULES LISTINGS - COMPONENT NUMBER 5745-SC-IOM

SYC7-1945 DISK OPERATING SYSTEM/VIRTUAL STORAGE IOCS AND DEVICE INDEPENDENCE LISTINGS - COMPONENT NUMBER 5745-SC-IOX

SYC7-1946 DISK OPERATING SYSTEM/VIRTUAL STORAGE IPL AND BUFFER LOAD LISTINGS - COMPONENT NUMBER 5745-SC-IPL

SYC7-1947 DISK OPERATING SYSTEM/VIRTUAL STORAGE ISAM LISTINGS COMPONENT NUMBER 5745-SC-ISM

SYC7-1948 DISK OPERATING SYSTEM/VIRTUAL STORAGE JOB CONTROL LISTINGS COMPONENT NUMBER

5745-SC-JCL
 SYC7-1949 DISK OPERATING SYSTEM/VIRTUAL STORAGE LIBRARIAN LISTINGS COMPONENT NUMBER
 5745-SC-L8R
 SYC7-1950 DISK OPERATING SYSTEM/VIRTUAL STORAGE LINKAGE EDITOR LISTINGS - COMPONENT
 NUMBER 5745-SC-LNK
 SYC7-1951 DISK OPERATING SYSTEM/VIRTUAL STORAGE MAGNETIC CHARACTER READER IOCS LISTINGS -
 COMPONENT NUMBER 5745-SC-MCR
 SYC7-1952 DISK OPERATING SYSTEM/VIRTUAL STORAGE OPTICAL CHARACTER READER IOCS LISTINGS -
 COMPONENT NUMBER 5745-SC-OCR
 SYC7-1953 DISK OPERATING SYSTEM/VIRTUAL STORAGE OLTEP LISTINGS COMPONENT NUMBER
 5745-SC-OLT
 SYC7-1954 DISK OPERATING SYSTEM/VIRTUAL STORAGE PDAIDS LISTINGS COMPONENT NUMBER
 5745-SC-PDA
 SYC7-1955 DISK OPERATING SYSTEM/VIRTUAL STORAGE PAPER TAPE IOCS LISTINGS - COMPONENT
 NUMBER 5745-SC-PTP
 SYC7-1956 DISK OPERATING SYSTEM/VIRTUAL STORAGE POWER LISTINGS COMPONENT NUMBER
 5745-SC-PWR
 SYC7-1957 DISK OPERATING SYSTEM/VIRTUAL STORAGE QTAM LISTINGS COMPONENT NO. 5745-SC-QTM
 SYC7-1958 DISK OPERATING SYSTEM/VIRTUAL STORAGE RMSR LISTINGS COMPONENT NUMBER
 5745-SC-RMS
 SYC7-1959 DISK OPERATING SYSTEM/VIRTUAL STORAGE SUPERVISOR LISTINGS COMPONENT NUMBER
 5745-SC-SUP
 SYC7-1960 DISK OPERATING SYSTEM/VIRTUAL STORAGE MAGNETIC TAPE IOCS LISTINGS - COMPONENT
 NUMBER 5745-SC-TAP
 SYC7-1961 DISK OPERATING SYSTEM/VIRTUAL STORAGE TAPE ERP LISTINGS COMPONENT NUMBER
 5745-SC-TPE
 SYC7-1962 DISK OPERATING SYSTEM/VIRTUAL STORAGE SYSTEM UTILITY PROGRAMS LISTINGS -
 COMPONENT NUMBER 5745-SC-UTL
 SYC7-1963 DISK OPERATING SYSTEM/VIRTUAL STORAGE VSAM LISTINGS COMPONENT NUMBER
 5745-SC-VSM
 SYC7-1964 DOS/VSE: DOS DISTRIBUTION PROGRAM LISTINGS (5745-SC-DIS)
 ●SYC7-1965 DOS/VSE & DOS/VSE MASTER INDEX
 SYC7-1966 DISK OPERATING SYSTEM/VIRTUAL STORAGE DISKETTE IOCS 5745-SC-DIO
 SYC7-1968 DISK OPERATING SYSTEM/VIRTUAL STORAGE VTAM 5745-SC-VTM
 SYC7-1969 DOS/VSE TOLTEP LISTINGS - COMPONENT NO. 5745-SC-TLT
 SYC7-1972 VTAM & 3600 SYSTEM INDEX
 SYC7-1976 DOS/VSE POWER/VSE RJE, SNA ICR - SCP COMPONENT 5745-SC-PWR
 SYC7-1980 DOS/VSE ATTENTION ROUTINES 5745-SC-AIT (350) MICROFICHE LISTINGS
 SYC7-1981 DOS/VSE ANALYSIS PROGRAM COMPONENT 5745-SC-APC (350) MICROFICHE LISTINGS
 SYC7-1982 DOS/VSE ASSEMBLER 5745-SC-ASM (350) MICROFICHE LISTINGS
 SYC7-1983 DOS/VSE CHECKPOINT/RESTART 5745-SC-CKR (350) MICROFICHE LISTINGS
 SYC7-1984 DOS/VSE DIRECT ACCESS METHOD 5745-SC-DAM (350) MICROFICHE LISTINGS
 SYC7-1985 DOS/VSE DISKETTE IOCS 5745-SC-DIO (350) MICROFICHE LISTINGS
 SYC7-1986 DOS/VSE DISTRIBUTION PROGRAM 5745-SC-DIS (350) MICROFICHE LISTINGS
 SYC7-1987 DOS/VSE DISK ERROR RECOVERY PROCEDURES 5745-SC-DKE (350) MICROFICHE LISTINGS
 SYC7-1988 DOS/VSE DISPLAY OPERATOR CONSOLE 5745-SC-DOC (350) MICROFICHE LISTINGS
 SYC7-1989 DOS/VSE SEQUENTIAL DISK IOCS 5745-SC-DSK (350) MICROFICHE LISTINGS
 SYC7-1990 DOS/VSE EREP 1 DOS/VSE INTERFACE 5745-SC-ER1 (350) MICROFICHE LISTINGS
 SYC7-1991 DOS/VSE COMPILER I/O MODULES 5745-SC-IOM (350) MICROFICHE LISTINGS
 SYC7-1992 DOS/VSE IOCS AND DEVICE INDEPENDENT I/O 5745-SC-IOX (350) MICROFICHE LISTINGS
 SYC7-1993 DOS/VSE IPL AND BUFFER LOAD 5745-SC-IPL (350) MICROFICHE LISTINGS
 SYC7-1994 DOS/VSE ISAM 5745-SC-ISM (350) MICROFICHE LISTINGS
 SYC7-1995 DOS/VSE JOB CONTROL 5745-SC-JCL (350) MICROFICHE LISTINGS
 SYC7-1996 DOS/VSE LIBRARIAN 5745-SC-LBR (350) MICROFICHE LISTINGS
 SYC7-1997 DOS/VSE LINKAGE EDITOR 5745-SC-LNK (350) MICROFICHE LISTINGS
 SYC7-1998 DOS/VSE MAGNETIC CHARACTER READER IOCS 5745-SC-MCR (350) MICROFICHE LISTINGS
 SYC7-1999 DOS/VSE OPTICAL CHARACTER READER IOCS 5745-SC-OCR (350) MICROFICHE LISTINGS
 SYC7-2000 DOS/VSE ONLINE TEST EXECUTIVE 5745-SC-OLT (350) MICROFICHE LISTINGS
 SYC7-2001 DOS/VSE PROBLEM DETERMINATION AIDS 5745-SC-PDA (350) MICROFICHE LISTINGS
 SYC7-2002 DOS/VSE PAPER TAPE IOCS 5745-SC-PTP (350) MICROFICHE LISTINGS
 SYC7-2003 DOS/VSE RECOVERY MANAGEMENT SUPPORT 5745-SC-RMS (350) MICROFICHE LISTINGS
 SYC7-2004 DOS/VSE SPECIFIC DEVICE SUPPORT 5745-SC-SDS (350) MICROFICHE LISTINGS
 SYC7-2005 DOS/VSE SUPERVISOR 5745-SC-SUP (350) MICROFICHE LISTINGS
 SYC7-2006 DOS/VSE MAGNETIC TAPE IOCS 5745-SC-TAP (350) MICROFICHE LISTINGS
 SYC7-2007 DOS/VSE TAPE ERROR RECOVERY 5745-SC-TPE (350) MICROFICHE LISTINGS
 SYC7-2008 DOS/VSE SYSTEM UTILITIES 5745-SC-UTL (350) MICROFICHE LISTINGS
 SYC7-2009 DOS/VSE MAINTAIN SYSTEM HISTORY 5745-SC-UTS (350) MICROFICHE LISTINGS

99 Type I Program Listings (Microfiche)

SJD2-4133 EP 3.0, OS PROG 360H-TX-035
 GY80-0854 ASYMMETRIC MULTIPROCESSING SYSTEM FOR 360, 370 (ASP) PROGRAM LISTING
 MICROFICHE, PROG NO 360A-CX-15X
 GY80-0856 S/370 HASP II VERSION 4 MICROFICHE - PROGRAM NUMBER 370H-TX-001
 SYC7-1117 SYSTEM/370 OS MULTIFONT PREPROCESSOR SUPPORT LISTINGS PROGRAM NUMBER
 360A-TX-031
 SYC7-1119 SYSTEM/370 OS MULTIFONT PREPROCESSOR SUPPORT LISTINGS PROG. NO. 360A-TX-030

Type I DOS (Version 4) for System/370 only

SYC7-1961 DISK OPERATING SYSTEM/VIRTUAL STORAGE TAPE ERP LISTINGS COMPONENT NUMBER
 5745-SC-TPE

**SYC7-1985 DOS/VSE DISKETTE IOCS 5745-SC-DIC (350) MICROFICHE LISTINGS
 **SYC7-1986 DOS/VSE DISTRIBUTION PROGRAM 5745-SC-DIS (350) MICROFICHE LISTINGS
 **SYC7-1987 DOS/VSE DISK ERROR RECOVERY PROCEDURES 5745-SC-DKE (350) MICROFICHE LISTINGS
 **SYC7-1988 DOS/VSE DISPLAY OPERATOR CONSOLE 5745-SC-DOC (350) MICROFICHE LISTINGS
 **SYC7-1989 DOS/VSE SEQUENTIAL DISK IOCS 5745-SC-DSK (350) MICROFICHE LISTINGS
 **SYC7-1990 DOS/VSE EREP 1 DOS/VS INTERFACE 5745-SC-ER1 (350) MICROFICHE LISTINGS
 **SYC7-1991 DOS/VSE COMPILER I/O MODULES 5745-SC-IOM (350) MICROFICHE LISTINGS
 **SYC7-1992 DOS/VSE IOCS AND DEVICE INDEPENDENT I/O 5745-SC-ICX (350) MICROFICHE LISTINGS
 **SYC7-1993 DOS/VSE IPL AND BUFFER LOAD 5745-SC-IPL (350) MICROFICHE LISTINGS
 **SYC7-1994 DOS/VSE ISAM 5745-SC-ISM (350) MICROFICHE LISTINGS
 **SYC7-1995 DOS/VSE JOB CONTROL 5745-SC-JCL (350) MICROFICHE LISTINGS
 **SYC7-1996 DOS/VSE LIBRARIAN 5745-SC-LBR (350) MICROFICHE LISTINGS
 **SYC7-1997 DOS/VSE LINKAGE EDITOR 5745-SC-LNK (350) MICROFICHE LISTINGS
 **SYC7-1998 DOS/VSE MAGNETIC CHARACTER READER IOCS 5745-SC-MCR (350) MICROFICHE LISTINGS
 **SYC7-1999 DOS/VSE OPTICAL CHARACTER READER IOCS 5745-SC-OCR (350) MICROFICHE LISTINGS
 **SYC7-2000 DOS/VSE ONLINE TEST EXECUTIVE 5745-SC-CLT (350) MICROFICHE LISTINGS
 **SYC7-2001 DOS/VSE PROBLEM DETERMINATION AIDS 5745-SC-PDA (350) MICROFICHE LISTINGS
 **SYC7-2002 DOS/VSE PAPER TAPE IOCS 5745-SC-PTP (350) MICROFICHE LISTINGS
 **SYC7-2003 DOS/VSE RECOVERY MANAGEMENT SUPPORT 5745-SC-RMS (350) MICROFICHE LISTINGS
 **SYC7-2004 DOS/VSE SPECIFIC DEVICE SUPPORT 5745-SC-SDS (350) MICROFICHE LISTINGS
 **SYC7-2005 DOS/VSE SUPERVISOR 5745-SC-SUP (350) MICROFICHE LISTINGS
 **SYC7-2006 DOS/VSE MAGNETIC TAPE IOCS 5745-SC-TAP (350) MICROFICHE LISTINGS
 **SYC7-2007 DOS/VSE TAPE ERROR RECOVERY 5745-SC-TPE (350) MICROFICHE LISTINGS
 **SYC7-2008 DOS/VSE SYSTEM UTILITIES 5745-SC-UTL (350) MICROFICHE LISTINGS
 **SYC7-2009 DOS/VSE MAINTAIN SYSTEM HISTORY 5745-SC-UTS (350) MICROFICHE LISTINGS
 SYC7-2107 1401/1440/1460 DOS/VS EMULATOR ON SYSTEM/370 1410/7010 DOS/VS EMULATOR ON
 SYSTEM/370 PROG PROD 5747-CC3, LISTINGS

99 Type I Program Listings (microfiche)

GJD1-0001 SYSTEM/370 MODELS 158/168 SYSGEN ICR OS RELEASE 21.6 PROGRAM NC. 360S-CS-609
 GJD1-1480 IBM OPERATING SYSTEM/360 DOS EMULATOR PROGRAM FOR SYSTEM/370 MODELS 145 AND 155
 - PROGRAM NUMBER 360C-EU-738
 GJD1-1640 EMULATOR OS 165/7094, PROG 360C-EU-740 VERSION 3 LEVEL 0, COMPONENT CF
 SBOF-6443
 GJD1-1641 EMULATOR OS 165/7070-74 PROG 360C-EU-739 VERSION 2 LEVEL 0, COMPONENT CF
 SBOF-6445
 GJD1-1642 7080 EMULATOR FOR SYSTEM/370 MODEL 165 UNDER OPERATING SYSTEM/360, LISTINGS -
 PROG 360C-EU-737, COMPONENT OF SBOF-6442
 GJD1-1643 EMULATOR FOR 7074 ON S/370 MODEL 155 UNDER OS COMPONENT OF SBOF-6444, LISTINGS
 - PROG 360C-EU-741
 GJD1-2063 DISK OPERATING SYSTEM MODEL 155 EMULATOR MICROFICHE LISTINGS - PROGRAM NUMBER
 360N-EU-490
 GJD1-2100 EMULATOR FOR 1401/1440/1460 ON THE SYSTEM/370 MODEL 155 UNDER OS MICROFICHE
 LISTING - PROG. NO. 360C-EU-735
 GJD1-2150 EMULATOR FOR THE IBM 1410/7010 ON THE SYSTEM/370 MODEL 155 UNDER OS - PRG.
 360C-EU-736, LISTINGS
 **SJD2-4133 EP 3.0, OS PROG 360H-TX-035
 **GYB0-0854 ASYMMETRIC MULTIPROCESSING SYSTEM FOR 360, 370 (ASP) PROGRAM LISTING
 MICROFICHE, PROG NO 360A-CX-15X
 GYB0-0856 S/370 HASP II VERSION 4 MICROFICHE - PROGRAM NUMBER 370H-TX-001
 GYB0-8501 MICROFICHE FOR IBM SYSTEM/370 DISTRIBUTED SYSTEM - PROGRAM NUMBER 360A-TX-032
 SYC7-1117 SYSTEM/370 OS MULTIFONT PREPROCESSOR SUPPORT LISTINGS PROGRAM NUMBER
 360A-TX-031
 SYC7-1119 SYSTEM/370 DOS MULTIFONT PREPROCESSOR SUPPORT LISTINGS PROG. NC. 360A-TX-030

Type I DOS (Version 4) for System/370 only

GJD1-4601 MODEL 20 EMULATOR ON S/370 USING DOS (V4) - PROGRAM NUMBER 370N-IC-002
 GJD2-4002 370 DOS BTAM, MICROFICHE LISTING, PROG. NO. 370N-CQ-469
 GYC7-1900 S/370 DISK OPERATING SYSTEM ASSEMBLER D ASSEMBLY LISTINGS PROGRAM NUMBER
 370N-AS-465
 GYC7-1901 SYSTEM/370 DISK OPERATING SYSTEM MICROFICHE ASSEMBLY LISTINGS - SYSTEM
 CONTROL/BASIC IOCS - PROGRAM NUMBER 370N-CL-453
 GYC7-1902 DOS 27.1 DIRECT ACCESS METHOD, ASSEMBLY LISTINGS, PROG. NO. 370N-IC-454
 GYC7-1903 DOS 27 SEQUENTIAL DISK IOCS MICROFICHE LISTINGS - PROGRAM NUMBER 370N-IC-455
 GYC7-1904 DOS 27 MAGNETIC TAPE IOCS MICROFICHE LISTINGS - PROGRAM NUMBER 370N-IC-456
 GYC7-1905 DOS 27 ISFMS MICROFICHE LISTING - PROGRAM NUMBER 370N-IO-457
 GYC7-1906 DOS-27 PAPER TAPE IOCS - MICROFICHE LISTINGS PROGRAM NUMBER 360N-IC-458
 GYC7-1907 DOS 27 SYSTEM UTILITY PROGRAMS, 370N-UI-491 MICROFICHE LISTING
 GYC7-1908 S/370 DISK OPERATING SYSTEM ENVIRONMENTAL RECORDING AND EDITING PROGRAM
 370N-UT-492
 GYC7-1909 S/370 DISK OPERATING SYSTEM BASIC TELECOMMUNICATIONS ACCESS METHOD ASSEMBLY
 LISTINGS, PROGRAM NUMBER 370N-CQ-469
 GYC7-1910 S/370 DISK OPERATING SYSTEM QUEUED TELECOMMUNICATIONS ACCESS METHOD ASSEMBLY
 LISTINGS, PROGRAM NUMBER 370N-CQ-470
 GYC7-1911 SYSTEM/370 DISK OPERATING SYSTEM MICROFICHE ASSEMBLY LISTINGS 3735 TERMINAL
 SUPPORT - PROGRAM NUMBER 370N-CQ-493
 GYC7-1912 SYSTEM/370 DISK OPERATING SYSTEM MICROFICHE ASSEMBLY LISTINGS CLTEP - PROGRAM
 NUMBER 370N-DN-481
 GYC7-1913 S/370 DISK OPERATING SYSTEM SYSTEM/370 EMULATOR ASSEMBLY LISTINGS - PROGRAM
 NUMBER 370N-EU-490
 GYC7-1914 SYSTEM/370 DISK OPERATING SYSTEM MICROFICHE ASSEMBLY LISTINGS CCMPILER I/O

MODULES - PROGRAM NUMBER 370N-IO-476
 GYC7-1915 S/370 DISK OPERATING SYSTEM MAGNETIC CHARACTER READER IOCS 370N-IO-477
 GYC7-1916 S/370 DISK OPERATING SYSTEM OPTICAL CHARACTER READER ICCS ASSEMBLY LISTINGS -
 PROGRAM NUMBER 370N-IO-478
 GYC7-1917 SYSTEM/370 DISK OPERATING SYSTEM MICROFICHE ASSEMBLY LISTINGS MICROFICHE INDEX
 GYC7-1918 DOS 27 ASSEMBLER F - MICROFICHE LISTING PROGRAM NUMBER 360N-AS-466
 GYC7-1919 DOS 27 COBOL D - MICROFICHE LISTING PROGRAM NUMBER 360N-CE-452
 GYC7-1920 DOS 27 ANS COBOL - MICROFICHE LISTING PROGRAM NUMBER 360N-CE-482
 GYC7-1921 S/370 DISK OPERATING SYSTEM LANGUAGE CONVERSION PROGRAM ASSEMBLY LISTINGS,
 PROGRAM NUMBER 360N-CV-489
 GYC7-1922 S/370 DISK OPERATING SYSTEM FORTRAN IV ASSEMBLY LISTINGS - PROGRAM NC.
 360N-FO-479
 GYC7-1923 DOS 27 FORTRAN LIBRARY SUB PROGRAM MICROFICHE LISTINGS PROGRAM NUMBER
 360N-LM-480
 GYC7-1924 S/370 DISK OPERATING SYSTEM PL/1 ASSEMBLY LISTINGS, PROGRAM NUMBER 360N-PL-464
 GYC7-1925 DOS 27 DISK SORT/MERGE-MICROFICHE LISTINGS - PROGRAM NUMBER 360N-SM-450
 GYC7-1926 S/370 DISK OPERATING SYSTEM MODULAR SORT/MERGE ASSEMBLY LISTINGS PROGRAM NUMBER
 360N-SM-483
 GYC7-1927 DOS 27 UTILITIES GROUP 1 - MICROFICHE LISTINGS - PROGRAM NUMBER 360N-UT-461
 GYC7-1928 S/370 DISK OPERATING SYSTEM GROUP 2 UTILITIES TAPE 360N-UT-462
 GYC7-1930 DOS 27.1 UTILITIES GROUP 3 MICROFICHE LISTING - PROGRAM NUMBER 360N-UT-463
 GYC7-1931 S/370 DISK OPERATING SYSTEM MPS UTILITY MACROS MICROFICHE ASSEMBLY LISTINGS,
 PROG. NO. 360N-UT-471
 SYC7-1961 DISK OPERATING SYSTEM/VIRTUAL STORAGE TAPE ERP LISTINGS COMPONENT NUMBER
 5745-SC-TPE

Part 2. Abstracts

GA18

Manual, 3 3/4 x 8 1/2 inches, 12/76
//09//3767/

- GA09-1000
IBM 5990 SYSTEM: SYSTEM SUMMARY MANUAL: RPQ 8T0146
5996-T01 DATA ACQUISITION CONTROLLER; 5799-WJF EXCHANGE
DATA COLLECTION PROGRAM SUPPORT
This manual describes the IBM 5990 System and its function in common carrier switching centers or exchanges. The two major components of the system are the IBM 5996-T01 Data Acquisition Controller and the IBM 5799-WJF Exchange Data Collection Program Support. It is intended for use by telephone company management personnel.
Manual, 34 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA09-1005
IBM 5934 T02 TICKET TERMINAL (RPQ 8T0130), IBM 5983-T02
CONTROL UNIT (RPQ 8T0131) COMPONENT DESCRIPTION
The manual gives information about the ticket terminal subsystem, what it is, has and does. It covers the operation of the ticket terminal in processing hand-marked cards and describes ticket terminal switches and indicators, as well as programming considerations, card layouts, configuration possibilities, physical planning, and operator procedures.
The manual is written for managers, systems analysts, operators, and programmers in user organizations and for IBM marketing representatives and systems analysts.
Manual, 48 pages
//14//5934,5983/
- GA09-1600
IBM 3270 INFORMATION DISPLAY SYSTEM CUSTOM FEATURE
DESCRIPTION: 129-3270 ATTACHMENT (RPQ 8T0093)
This Custom Feature Description manual, GA09-1600, is a component description of the 129 3270 attachment with programming considerations and source for operator's reference. It is for use of executives, programmers and operators; also IBM FE and Marketing personnel.
Manual
//14//0129/
- GA11-8635
5935-LO3 BANKING TERMINAL REFERENCE MANUAL RPQ Y96695
This publication describes the IBM 5935-LO3 Banking Terminal. It also gives installation planning information. The 5935 is a full-function workstation in one unit specially designed for the bank personnel.
The 5935 can operate directly with either a local or remote data processing system (online operation) or it can operate separately (offline operation), the transactions being recorded on magnetic tapes for transmission to the processing system later (batch procedure).
This manual is intended for managers or specialists evaluating telecommunication equipment, and planners or programmers preparing the installation of the 5935 in a data communication system. It can also be used by the supervisor in the bank branch office. The supervisor is the person in the bank branch office who manages the tellers' work on the 5935.
Detailed instructions for operating and servicing the 5935 are given in the IBM 5935-LO3 Banking Terminal, Operating Guide, GA11-8636.
Maintenance information is given in the IBM 5935-LO3 Banking Terminal, Maintenance Information Manual, SY12-8769.
Manual, 8 1/2 x 11 inches, 188 pages, 4/79
//14//5935/
- GA18-2000
IBM 3767 COMMUNICATION TERMINAL OPERATOR'S GUIDE
This manual contains operating procedures for the IBM 3767 Communication Terminal. A brief introduction presents general information that is of interest to the operator. Following chapters describe how to prepare the machine for operation (power-on, select mode, and so forth), how to handle the printer (replace ribbon, insert paper, adjust printing, and so forth), how to operate online (to host system), how to correct or edit data (stored in the buffer), and how to operate offline (as a keyboard-printer). A separate chapter is devoted to Problem Determination Procedures (PDP); this chapter contains error recovery procedures and instructions for those cases where the error recurs or is not recoverable. Appendixes contain operating instructions for the Calculate-Scientific feature, and descriptions of 3767 lights, switches, and keys.
Manual, 104 pages
//09//3767/
- GA18-2012
PROBLEM DETERMINATION GUIDE FOR THE IBM 3767
COMMUNICATION TERMINAL
Guides operators from a symptom being experienced in starting or during operation to a procedure for analyzing the symptom and finding its possible cause.
Prerequisite Publication: IBM 3767 Communication Terminal Operator's Guide, GA18-2000.
- GA18-2014
IBM 3270 INFORMATION DISPLAY SYSTEM 3276 CONTROL UNIT
DISPLAY STATION PROBLEM DETERMINATION GUIDE
This item is intended for use by customer operators to recover from an error or a problem with 3276 Control Unit Display Station, the keyboard, the host, or the communication line. It should help operators pinpoint possible failure causes and avoid unnecessary calls for assistance.
Major topics include:
 Readying, keyboard check test procedures for display station and control unit, and symptom indexes.
Manual, 10 x 1 3/4 inches, 58 pages, 4/78
//09//3276/
- GA18-2017
IBM 3276 CONTROL UNIT DISPLAY STATION SETUP INSTRUCTIONS
Instructions to customer personnel for setup of a 3276 Control Unit Display Station without the help of an IBM customer engineer. The customer personnel is not required to have knowledge of display stations or communication facilities.
Manual, 8 1/2 x 11 inches, 10/77
//09//3276/
- GA18-2018
3287 PRINTER SITE PLANNING GUIDE
This manual should be given to the customer by the IBM marketing representative at the time the customer orders a 3287 Printer. This manual provides the customer with the information necessary to prepare his site for the installation of the 3287 which he will perform.
Manual, 8 1/2 x 11 inches, 16 pgs, 8/77
//15//3287/
- GA18-2019
IBM 3767 COMMUNICATION TERMINAL MODEL 2 DUAL DRIVE PINFEED
PLATEN (RPQ MF6321) USER INFORMATION ALLENCUM
This manual gives the IBM 3767 Communication Terminal user the additional information required for using the Dual Drive Pinfeed Platen (DDPFF) device (RPQ MF6321). Basic terminal setup instructions and operating procedures for the terminal should be followed, to supplement the operation of this device.
Information in this manual is written for all users of this device. They must thoroughly understand the IBM 3767 Communication Terminal and the following publications:
 • IBM 3767 Models 1, 2, and 3 Communication Terminal Component Description, GA27-3096
 • IBM Communication Terminal Setup Instructions, GC30-3026
 • IBM 3767 Communication Terminal Operator's Guide, GA18-2000
Manual, 8 1/2 x 11 inches, 28 pages, 1/78
//14//3767/
- GA18-2038
IBM 3270 INFORMATION DISPLAY SYSTEM DESCRIPTION,
CONFIGURATION, AND PHYSICAL PLANNING: DIGITAL DATA SERVICE
ADAPTER FEATURES IBM 3276 CONTROL UNIT DISPLAY STATION
This is an interim publication and provides descriptive, configuration, and physical planning information about the IBM 3276 Control Unit Display Station Digital Data Service Adapter Features. The publication is intended for data processing personnel including managers and system analyst, for operations and administration managers, and for physical planning personnel.
Manual, 18 pages, 7/78
//13//3276/
- GA18-2040
3270 INFORMATION DISPLAY SYSTEM 3276 CONTROL UNIT
DISPLAY STATION OPERATOR'S GUIDE
The information in this publication is intended to familiarize operators of the IBM 3276 Control Unit Display Station with its features and to guide the operators in its use.
Manual, 8 1/2 x 11 inches, 162 pages, 12/78
//09//3276/
- GA18-2041
3270 INFORMATION DISPLAY SYSTEM 3276 CONTROL UNIT DISPLAY
STATION PLANNING AND SETUP GUIDE
Provides planning and setup information about the 3276 Control Unit Display Station. This information was formerly contained in IBM 3270 Information Display System Planning, and Setup Guide, GA27-2827. For customers, planners, and IBM representatives who may be responsible for planning the installation and setup of the 3276, 3278, 3287, and 3289.
Manual, 8 1/2 x 11 inches, 11/78
//09//3276/

GA18-2042

3270 INFORMATION DISPLAY SYSTEM: PROBLEM DETERMINATION FOR 3276 CONTROL UNIT DISPLAY STATIONS

Contains information intended to assist customer personnel who are responsible for coordinating problem determination activities on those IBM 3270 Information Display Systems which include an IBM 3276 Control Unit Display Station.

This information is not intended to replace the problem determination guides supplied with each unit of the 3270 system, but is intended to supplement them and to coordinate their use.

Manual, 8 1/2 x 11 inches, 40 pages, 12/78
//09//3276/

GA18-2044

3270 INFORMATION DISPLAY SYSTEM DESCRIPTION & CONFIGURATION APL/TEXT FEATURE FOR 3276 CONTROL UNIT DISPLAY STATION, 3278 DISPLAY STATION, 3287 PRINTER, AND 3289 LINE PRINTER

This manual provides descriptive and configuration information about the APL and text functions and features for 3276, 3278, 3287, and 3289. This publication is intended for data processing personnel, including managers, system analysts and programmers, and for operations and administrative managers.

Manual, 8 1/2 x 11 inches, 34 pages, 11/78
370//13//3276/

GA19-0034

IBM 1275 OPTICAL READER SORTER FOR SYSTEM/360 AND SYSTEM/370

This publication describes the functional characteristics of the IBM 1275 Optical Reader Sorter and contains recommended programming techniques and complete operating instructions. The manual is intended primarily for systems analysts, programmers, and operators who are working in an OCR environment.

The 1275 Optical Reader Sorter reads either of two common types of optical character recognition (OCR) printing and sorts intermixed paper documents. Models 1 and 3 operate off-line; Models 2 and 4 can operate either on-line with an IBM System/360 Model 25, 30, 40, or 50, or with an IBM System/370 Model 135, 145, 155, or 165, or off-line.

For understanding the on-line operation of the 1275, the reader should be familiar with the Systems Reference Library, IBM System/360 Principles of Operation (GA22-6821). Systems Library, 116 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-0036

PAPER AND PRINT QUALITY REQUIREMENTS FOR IBM 1270 AND 1275 OPTICAL READER SORTERS

This publication describes the quality of paper and print required for documents that are to be read by the IBM 1270 and 1275 Optical Reader Sorters. The manual is intended for those responsible for providing the documents and for those who plan and maintain the optical character recognition system.

The following topics are dealt with:

1. The mechanical and optical characteristics desired of the paper.
2. The sizes and conditions of documents.
3. The quality of the printing, and the printing devices that can be used to obtain this quality.
4. The procedures for manual, as well as machine, handling of the documents.

For information on the 1270 and 1275 Optical Reader Sorters, refer to Systems Reference Library (SRL) IBM SYSTEM/360 COMPONENT DESCRIPTION - IBM 1270 OPTICAL READER Sorter, order no. GA19-0035 and component description - IBM 1275 OPTICAL READER SORTER, Order No. GA19-0034. For information on the design of documents, refer to SRL FORM-DESIGN CONSIDERATIONS - SYSTEM PRINTERS, Order No. GA24-3488. For information on the IBM printing devices dealt with in the manual, refer to SRL IBM 1403 PRINTER COMPONENT DESCRIPTION, Order No. GA24-3073 and to the booklet IBM TYPING INSTRUCTIONS FOR OPTICAL CHARACTER RECOGNITION. Systems Reference Library Manual, 34 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-0049

IBM SYSTEM/360 AND SYSTEM/370 COMPONENT DESCRIPTION AND OPERATING PROCEDURES: IBM 1288 OPTICAL PAGE READER, MODEL 1
IBM prepared this publication as an aid for IBM System/360 and System/370 programmers, systems analysts, supervisors, and operators. Sections of the manual also include information of interest to forms designers, manufacturers and input document printers.

Programmers, systems analysts, and supervisors should be familiar with the system to which the 1288 is attached. For order numbers and names of other publications describing the IBM System/360 and System/370, see the IBM System/360 and System/370 Bibliography, GA22-6822.

See Handwriting Numbers and symbols for the IBM Optical Reader, SR29-1280, and the Handwriting Practice Sheet, SR29-1281, for proper handwriting for 1288 input.

For information about document design and input quality control, see the OCR Input Preparation Guide for the IBM 1287/1288 Character Readers, GC20-1686. Ready reference information for 1288 operators is provided by the Operator Guide, G229-4078 Document Gage for Machine Setup, GX21-9106. Manual, 104 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-0050

IBM SYSTEM/360 AND SYSTEM/370 COMPONENT DESCRIPTION AND OPERATING PROCEDURES FOR IBM 1287 OPTICAL READER MODEL 5
This reference publication for the IBM 1287 Optical Reader Model 5 explains machine and system functions, specifications for input documents and data, programming considerations, and operating procedures. It is intended for machine operators, programmers, and people who prepare input documents. Machine operators need not have previous experience in operating the model 5, but programmers should be familiar with the various operating systems available with System/360 and System/370.

Manual, 96 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5024

IBM 3270 INFORMATION DISPLAY SYSTEM: 5926-E03 OPTICAL SCANNER REFERENCE MANUAL RPOS 7E0215 AND U42416

This publication provides information for customer and IBM personnel concerned in operating, programming and physical planning for 5926-E03 Optical Scanners. Readers should be familiar with the basic principles of the 3270 Information Display System.

The publication has six main sections.

Introduction: This section briefly describes the optical scanner, its operation, and the production of printed bar-codes suitable for scanning.

Operating Procedure: This section describes how an operator uses the optical scanner to read bar-coded data, and how the data is transmitted to a data processing system. **Program Considerations and Code Information:** This section describes the programming support, data codes, and error checking involved in scanning and transmitting bar-coded data.

Preparation of Bar Codes: This section lists the allowed dimensions of bar-codes, describes the ways that data can be arranged on a document, and describes UCS character assignment for bar-code printing.

Paper and Print Quality Requirements: This section gives requirements and recommendations for setting up a printer, selecting the correct paper, and so on, for producing printed bar codes suitable for optical scanning.

5926-E03 Characteristics and Installation Planning Information: This section lists the physical and (required) environmental characteristics of the optical scanner.

Appendix A describes the use of test documents.
Manual, 30 pages (4/75)
//14//5926/

GA19-5029

3740 DATA ENTRY SYSTEM: (5926-BC3) BAR CODE READER PRINTER DATA STATION, CUSTOM UNIT DESCRIPTION RPOS 7E0215, X64601, 7B0194, X96684, AND X72888

The IBM 5926-E03 Optical Scanner is a hand-held scanner for reading printed bar-coded data. It can be attached to the IBM 3740 Data Entry System, the IBM 3270 Information Display System, IBM System/32 and to IBM System/7.

This publication provides information on operating, programming and planning for 5926-E03 Optical Scanners attached to data stations of the 3740 Data Entry System: either the IBM 3741 Data Station, Models 1 and 2, or the IBM 3741 Programmable Work Station, Models 3 and 4. Readers should be familiar with the operation of 3741 Data Stations and Programmable Work Stations as described in the following publications.

IBM 3740 Data Entry System; System Summary and Installation Planning, GA21-9152.

IBM 3741 Data Station Reference Manual, GA21-9183.

IBM 3740 Data Entry System Special Self-Check Number Device Custom Unit Description; RPOS (U.S.A.) WE0408, Z07465, (KT) X10260, GA33-3016.

IBM 3741 Data Station function control Feature Reference Manual Supporting RPO WE2360, GA21-9206.

IBM 3741 Data Station Operator's Guide, GA21-9131.

Manual, 8 1/2 x 11 inches, 44 pgs, 11/76
//14//5926//WT-ONLY

GA19-5031

IBM 3740 DATA ENTRY SYSTEM SPECIAL SELF-CHECK NUMBER DEVICE [COMPATIBLE WITH HEBREW LANGUAGE FEATURE] CUSTOM UNIT DESCRIPTION RPO X15169 (3741 AND 3742, 128-CHARACTER MACHINE

This publication describes the Self-Check Number Device Special Arithmetic feature which is compatible with the Hebrew Language Feature and is available on the IBM 3741 Data Station, Models 1 and 2, and the IBM 3742 Data Station with the 128-character feature. The feature implements a wide range of special checking algorithms.

The Special Self-Check Number Device facilities described in this publication are similar but not identical to those for RPO X10260.

Manual, 8 1/2 x 11 inches, 26 pgs, 11/76
//14//3741,3742//WT-ONLY

GA19-5052

IBM 5937-S01 INDUSTRIAL TERMINAL COMPONENT DESCRIPTION RPOS 7E0052 7E0058 7E0061

The 5937-S01 is a terminal designed for industrial environments. The terminal has digital Input/Output capability for attachment of contact sense, contact operate, and OEM devices.

The manual describes the following: components, the 3270 compatibility and limitation and programming of the

terminal, the digital I/O interface and how to attach devices to the I/O channels, ONLINE/OFFLINE functions, problem determination procedures, customer problem recovery procedures, Installation/Physical Planning.
Manual, 228 pages, 7/78
//14//5937/

GA19-5057

IBM 3767 COMMUNICATION TERMINAL OPERATOR'S GUIDE, RPQ X71429, DOCUMENT INSERTION DEVICE
This publication is to be used together with the IBM 3767 Communications Terminal Operator's Guide, GA18-2000-2. It describes the operating procedures of the Front Feed Document Insertion Device (RPQ X71429) of the IBM 3767. This publication is for operators of the IBM 3767 with the Front Feed Document Insertion Device RPQ, and assumes that the operator is familiar with the basic operation of a 3767.
Manual, 8 1/2 x 11 inches, 24 pgs, 12/76
//14//3767//WT-ONLY

GA19-5059

WORLD TRADE ADDENDUM TO IBM 3767 MODELS 1 AND 2 COMMUNICATION TERMINAL COMPONENT DESCRIPTION OPERATOR'S GUIDE RPQ X74189 LARGE CHARACTER PRINT
This manual describes how the Large Character Print Feature on the 3767 works, and its operating procedures.
It is intended primarily for operators of the IBM 3767.
Manual, 24 pages 6/76
//14//3767//WT-ONLY

GA19-5084

5230 DATA COLLECTION SYSTEM USER'S GUIDE SUPPLEMENT, IN/OUT CLOCKING RPQ X95797
This publication is a World Trade addendum to the IBM 5230 Data Collection System User Guide, GA34-0040.
This manual describes the functions and operating procedures of the In/Out Clocking special feature (RPQ X95797) on the IBM 5234 Time Entry Station. It is directed to programmers, operators and other users of the 5234 equipped with this RPQ and assumes that the reader is familiar with the terminology and basic operation of the 5230 Data Collection System.
Manual, 8 1/2 x 11 inches, 6 pgs, 6/77
370//14//5230,5234//WT-ONLY

GA19-5087

IBM 3270 INFORMATION DISPLAY SYSTEM: 5914 DOCUMENT INSCRIBE USER'S GUIDE, RPQ U74485 MODEL D01 - 7U0007 MODEL D02
This book tells you how to use the IBM 5914 Document Inscribe. The book tells you
• how to use the Document Inscribe to inscribe (that is, print on) a document,
• how to recognize that a document is printed correctly,
• and how to perform simple jobs to keep the Document Inscribe working correctly.
The book does not tell you how to operate the IBM 3277 Display Station. For this information, refer to Operator's Guide for IBM 3270 Information Display Systems, GA27-2742.
You should not need any previous knowledge of, or experience of using, a Document Inscribe to understand this book.
Manual, 8 1/2 inches, 24 pages, 09/77
//14//5914//WT-ONLY

GA19-5089

5230 DATA COLLECTION SYSTEM, DIGITAL INPUT ATTACHMENT TO 5235; RPQ X55062 - WORLD TRADE, RPQ 7S0231 - CANADA, USER'S GUIDE
This publication is an addendum to the IBM 5230 Data Collection System User Guide, GA34-0040.
This manual describes the functions and operating procedures of the Digital Input Attachment special feature on the IBM 5235 Data Entry Station. It is assumed that the reader is familiar with the terminology and basic operation of the 5230 Data Collection System.
Manual, 8 1/2 x 11 inches, 26 pgs, 9/77
//14//5230,5235//WT-ONLY

GA19-5099

IBM 3843 LOOP CONTROL UNIT OPERATOR'S GUIDE
This manual tells how to operate the IBM 3843 Loop Control Unit. Included in this manual are directions for normal operation as well as procedures to help determine whether the 3843 is working correctly.
The information in this manual is intended primarily for the 3843 operator. However, it is also intended for persons who will write user operating procedures and train operator personnel, and for IBM customer engineers.
Although knowledge of data processing or data communications is not necessary, it is assumed that the reader is familiar with the user's remote loop and normal operation of equipment on the loop. The reader may also find it helpful to read the component description manuals for the modem and the subsystem controller to which the IBM 3843 is connected.
Manual, 8 1/2 x 11 inches, 40 pages, 7/78
//08//3843//WT-ONLY

GA19-5168

INTRODUCING THE AUTOMATIC DOCUMENT INSERTION DEVICE ON THE IBM 3287 PRINTER RFG 7S0251
This publication is intended to introduce the Automatic Document Insertion Device, a product specifically designed for use with the IBM 3287 Printer, to prospective users and others seeking an introduction to it.
Manual, 8 1/2 x 11 inches, 20 pages, 10/78
360,370//14//3287//WT-ONLY

GA21-9001

IBM 1060 CONFIGURATOR
Sheet lists units that can be used in a 1060 System Configuration Configurator Sheet, 8 1/2 x 11, 2 sides
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA21-9010

IBM 1060 DATA COMMUNICATIONS SYSTEM INSTALLATION MANUAL - PHYSICAL PLANNING
This publication contains detailed information on physical planning for the IBM 1060 Data Communication System. Dimensions, weights, cable specifications, service clearances, physical information for each unit, and electrical and environmental requirements are included. Systems Reference Library Manual, 18 pages
//15//1060,1061,1062/

GA21-9025

IBM 1442-N1 AND N2 COMPONENT DESCRIPTION AND OPERATING PROCEDURES - SRL MANUAL
This publication describes the operating principles, machine features, and operating procedures of the IBM 1442-N1 Card Read-Punch and the IBM 1442-N2 Card Punch. Also, it discusses in general the operation of these devices with IBM System/360.
Manual, 20 pages
360,370//02//1442/

GA21-9026

IBM 2501 MODELS B1 AND B2 COMPONENT DESCRIPTION AND OPERATING PROCEDURES
This publication describes the operation of the IBM 2501 Card Reader Models B1 and B2 with IBM System/360 Models 30 and higher. Operating principles, system communication, and operating procedures are presented.
This manual assumes that the reader is familiar with the operation of the IBM System/360, as described in the SRL publication, IBM SYSTEM/360 PRINCIPLES OF OPERATION, Order Number GA22-6821.
Manual, 16 pages
360,370//02//2501/

GA21-9027

IBM 2520-E1, E2, AND E3, COMPONENT DESCRIPTION AND OPERATING PROCEDURES - SRL MANUAL
This publication describes the IBM 2520 Card Read Punch Model B1 and the IBM 2520 Card Punch Models E2 and E3 with IBM System/360 Models 30 and above. Included are discussions of machine features and operating principles and procedures.
For information about attaching the 2520 to System/360 channels, see the publication IBM SYSTEM/360 CHANNEL CHARACTERISTICS and functional evaluation, (GA24-3411).
Manual, 36 pages
360,370//02//2520/

GA21-9028

IBM 357/1030/2790 EDGE SPECIFICATIONS
This publication provides the specifications for the manufacture of laminated and embossed badges for the IBM 357 and IBM 1030 Data Collection Systems and the IBM 2790 Data Communication System. Included in this publication are: dimensions, a material listing, suggested laminating procedures, quality control measures, and punched-hole registration-checking procedures.
Individual differences in manufacturing equipment may require some modification to time, temperature, and pressure specification; test badges should be manufactured and checked to provide a basis for possible modifications.
SRL, 16 pages
//09//1030,1031,0357,2790,1032,2791/

GA21-9033

IBM SYSTEM/360 COMPONENT DESCRIPTION AND OPERATING PROCEDURES, IBM 2540 CARD READ PUNCH - SRL MANUAL
This publication explains the operating principles, procedures, and controls of the IBM 2540 Card Read Punch. Special features for the 2540 are also discussed. refer to the IBM 2821 Control Unit SRL (GA24-3312), for information concerning the commands, status and sense indicators, and other programming considerations that affect the 2540. For similar information about an IBM 2540 attached to an IBM System/360 through the integrated 2540 attachment feature, refer to IBM SYSTEM/360 MODEL 25 functional characteristics, (GA24-3510).
Manual, 16 pages
//02//2540/

GA21-9041

IBM 1035 COMPONENT DESCRIPTION AND OPERATING PROCEDURES
This publication describes the IBM 1035 Badge Reader and its operation with other units of the IBM 1030 Data Collection System. Included are descriptions of the special features available for units of a 1030 system in which 1035's are used, and an explanation of system timings for badge-only operations.
Systems Reference Library Manual, 28 pages
//09//1035/

GA21-9064

IBM SYSTEM/360 COMPONENT DESCRIPTION AND OPERATING PROCEDURES IBM 1287 OPTICAL READER
This publication describes the IBM 1287 Optical Reader and its features, operating principles and procedures, and operations with IBM System/360. The manual also contains detailed specifications for input documents and tapes, and for input data quality.
Systems Reference Library Manual, 92 pages
//04//1287/

GA21-9078

IBM 5486 CARD SORTER OPERATOR'S GUIDE
This manual describes the use of the IBM 5486 Card Sorter. The 96-column Card, card coding, and card handling and the operation of the sorter are explained. Examples of the various types of sorting are presented. These examples are designed to help you fully understand what to do and how to do it. Therefore, it is not necessary to have previous knowledge of sorting to use this manual. Keys, lights, switches, and special features are discussed in appropriate sections.
Product Manual, 42 pages
//10//5486/

GA21-9081

IBM SYSTEM/360 COMPONENT DESCRIPTION IBM 1288 OPTICAL PAGE READER MODEL 1
This publication is a reference manual for the IBM 1288 Optical Page Reader, which serves as an input device for the IBM System/360 Models 25, 30, 40, and 50. This manual, which is organized by function, discusses:
Interconnection between the 1288 and the processing unit.
Characters read by the 1288 and their data codes.
Data transfer between the 1288 and the system.
Programming information about 1288 control, status signals, and sense indications.
Optical Mark data recording and reading.
Operator controls for the 1288.
Operating procedures for the 1288 that are not application dependent.
Input document design and printing.
Special features for the 1288.
Input data printing.
The principle audience for this publication will be IBM System/360 programmers, system analysts, supervisors, and operators. Others who will use the manual are forms designers, forms manufacturers, and input document printers.
Programmers, systems analysts, and supervisors using this manual will need to be familiar with the system to which the 1288 is attached.
Systems Reference Library Manual, 54 pages
//04//1288/

GA21-9124

3504 AND 3505 CARD READER, 3525 CARD PUNCH SUBSYSTEM
This is an assembler-level programmer's Reference manual and an operator's guide. It describes the IBM 3504 Card Reader (an 80-column device that natively attaches to the IBM System/370), the IBM 3505 Card Reader (an 80-column device that attaches to a System/370 channel) and the IBM 3525 Card Punch (an 80-column device that attaches natively to either an IBM 3505 Card Reader or a System/370). These card devices and their interfaces with the system comprise subsystems that do much of the error logging and error recovery support usually provided by the system. The subsystem is buffered, channel overrun cannot occur, and data can be transferred to and from the subsystem in burst mode.
The manual contains information about instructions and commands error indications, conditions, and recovery procedures, a description of the devices, data about operator procedures and controls, and application hints.
Manual, 136 pages
//02//3505,3525,3504/

GA21-9131

3741 DATA STATION OPERATOR'S GUIDE
This book gives a 3741 operator procedures for doing normal key entry operations. It is for people who are, or will be doing key entry jobs with a 3741. The operator's guide is to be used as a reference to find the necessary steps to perform a job.
Manual, 128 pages
//08//3741/

GA21-9136

3742 DUAL DATA STATION OPERATOR'S GUIDE
This book gives a 3742 operator procedures for doing normal key entry operations. It is for people who are, or will be doing key entry jobs with a 3742. The operator's guide is to be used as a reference to find the necessary steps to perform a job.
Manual, 120 pages
//08//3742/

GA21-9139

IBM 1287 OPTICAL READER MODEL 5: GENERAL INFORMATION
This manual contains introductory information about the 1287 Optical Reader Model 5 for programmers, system analysts, supervisors, and machine operators. To fully understand the content of this manual, readers should be familiar with other 1287 models. References to the 1287 SRL GA21-9064 are made throughout the manual where basic 1287 operations information is necessary to understand Model 5 functions.
General Information Manual, 16 pages
360,370//04//1287/

GA21-9143

IBM 3881 OPTICAL MARK READER MODELS 1 AND 2 REFERENCE MANUAL AND OPERATOR'S GUIDE
This manual describes the use of the 3881 Model 1 as an on-line reader, and the use of the 3881 as a reader that reads marks onto magnetic tape via an IBM Model 2 3410.
The manual provides customer management, analysts, and programmers with detailed information about the functions and capabilities of the 3881. It describes the format of 3881 forms, explains forms layout, and printing and ink specifications. It contains sections on marking the forms with pencil, preprinted marks, and IBM line printers. The manual describes how to control 3881 by means of the IBM 3881 Format Control Sheets and how to control on-line 3881s by System/370 commands (assembler level programming). An operator's guide section provides detailed information about lights, keys, error stops, and operating procedures.
Manual, 100 pages
//04//3881/

GA21-9144

IBM 2596 CARD READ PUNCH PROGRAMMER'S REFERENCE MANUAL AND OPERATOR'S GUIDE - SYSTEMS REFERENCE LIBRARY
This manual describes the IBM 2596 Card Read Punch. The manual is intended for IBM System/360 or IBM System/370 systems analysts, programmers experienced in assembler language, and operators.
This manual describes the following:
o General hardware characteristics of the 2596.
o Commands, status bytes, sense bytes and timing considerations.
o Keys, lights, and operating procedures.
Manual, 41 pages
//02//2596/

GA21-9147

IBM 3886 OPTICAL CHARACTER READER MODEL I REFERENCE MANUAL
The IBM 3886 Optical Character Reader Reference Manual (MODEL I) contains operational capabilities and programming requirements for the 3886 Model I. The manual is written for customer management, systems analysts, and data processing equipment operators, familiar with data processing operations, but not necessarily with CCR devices or techniques.
Manual, 70 pages
//04//3886/

GA21-9148

IBM 3886 OPTICAL CHARACTER READER INPUT DOCUMENT DESIGN GUIDE AND SPECIFICATIONS
The 3886 Document Design Guide contains detailed instructions and specifications for the preparation of acceptable input documents for the IBM 3886. The manual is written for systems analysts, forms design personnel, and forms manufacturers.
Manual, 45 pages
//04//3886/

GA21-9150

IBM SYSTEM/360 AND SYSTEM/370 COMPONENT DESCRIPTION AND OPERATING PROCEDURES: IBM 1287 OPTICAL READER, MODEL 5
This publication is a reference manual for the IBM 1287 Optical Reader, Model 5, which serves as an input device for the IBM System/360 Models 22, 25, 30, 40, 50, 65, 65MP, 75, and when in 65 mode, 67; and IBM System/370 Models 135, 145, 155, 158, 165 and 168. This manual which is organized by function, discusses:
o Interconnection between the 1287 and the processing unit.
o Characters read by the 1287 and their data codes.
o Special features for the 1287.
o Data transfer between the 1287 and the system.
o Programming information about 1287 control, status signals, and sense indications.
o Operator controls for the 1287.
o Operating procedures for the 1287 that are not application dependent.
o Input document design and printing.

o Input data printing.

The principal audience for this publication will be IBM System/360 and IBM System/370 programmers, system analysts, supervisors, and operators. Others who will use the manual are forms designers, forms manufacturers, and input document printers. Programmers, systems analysts, and supervisors using this manual will need to be familiar with the system to which the 1287 is attached.
Manual, 92 pages
//04//1287/

GA21-9152

IBM 3740 DATA ENTRY SYSTEM - SYSTEM SUMMARY AND INSTALLATION PLANNING

This manual is intended for customer executives, customer DP managers, key entry supervisors and installation planning consultants. It should be used where general information about the system is required.

The manual contains descriptive information about the system and each unit. Discussions of available functions and features, information on the media, probable programming changes, and suggested operating procedures are included. Installation planning information is also part of this publication. In addition, a bibliography of applicable teleprocessing publications is included in the teleprocessing section.

Manual, 5/76
///3740,3741,3747,3540,3742/

GA21-9154

IBM 3886 OPTICAL CHARACTER READER MODEL 2 COMPONENT REFERENCE MANUAL

The IBM 3886 Model 2 Component Reference Manual contains component description and operational capabilities of the 3886 Model 2. The manual is written for 3886 Model 2 users, systems analysts, supervisors, and operators. Sections of the manual also contain information of interest to programmers.

Manual, 92 pages
//04//3886/

GA21-9167

5424 AND 5425 MULTIFUNCTION CARD UNITS OPERATOR'S GUIDE AND PROGRAMMER'S REFERENCE MANUAL

This manual describes the IBM 5424 Models A1, A2, K1, K2, and K3 and the IBM 5425 Models A1 and A2. It includes operating instructions for this 96 column card reader when it is natively attached to IBM System/370 or IBM 4331 Processing Unit or used with the 5424 Stand Alone Feature.

The manual will be of interest to System/370 and IBM 4331 Processing Unit system analysts, programmers experienced in assembler, and operators.

Besides describing the devices, the manual describes the commands, status bytes, sense bytes, and timing considerations for the 5424 and 5425, and describes the keys, lights, and operating procedures.
Manual, 8 1/2 x 11 inches, 44 pages, 3/79
360,370//02//5425,5424/

GA21-9170

IBM 3747 DATA CONVERTER REFERENCE MANUAL & OPERATOR'S GUIDE

This guide gives operating instructions for the 3747 Data Converter. Also contains explanatory material needed for new operators. All message codes, their meanings, and required actions are also given.

Guide, 44 pages
//08//3747/

GA21-9182

THE IBM DISKETTE: GENERAL INFORMATION MANUAL

This manual provides information about handling, shipping, and storing all IBM diskettes, and detailed information about cylinder formats for IBM diskettes used for data exchange. Because it contains information of general nature regarding terminology, formats, handling, and shipping, of the diskette, the manual will be of interest to most people being introduced to the diskette medium for the first time.

Much of the information presented in this manual is not available in other publications. Therefore, the manual is a co-requisite to IBM 3540, 3741, 3742, 3747, 3600, 3890, and 3891 manuals.

Manual, 24 pages, 6/76
//08//3540,3741,3742,3747/

GA21-9183

IBM 3741 DATA STATION REFERENCE MANUAL

This publication is a reference manual intended for installation supervisors, application personnel, system analysts, and system engineers who wish specific information on program coding, modes of operation, and operational considerations for the IBM 3741 Data Station.

The publication assumes that the reader is familiar with data entry techniques and is also familiar with the contents of the following manuals:

- o IBM 3740 Data Entry System Summary and Installation Planning, GA21-9152
- o IBM 3741 Data Station Operator's Guide, GA21-9131

Manual, 108 pages
//08//3741/

GA21-9184

IBM 3742 DUAL DATA STATION REFERENCE MANUAL

This publication is a reference manual intended for installation supervisors, application personnel, system analysts, and system engineers who wish specific information on program coding, modes of operation, and operational considerations for the IBM 3742 Dual Data Station.

The publication assumes that the reader is familiar with data entry techniques and is also familiar with the contents of the following manuals:

- o IBM 3740 Data Entry System - System Summary and Installation Planning, GA21-9152
- o IBM 3742 Dual Data Station Operator's Guide, GA21-9136

Manual, 64 pages
//08//3742/

GA21-9194

IBM 3741 MODELS 3 AND 4 PROGRAMMABLE WORK STATION PROGRAMMING REFERENCE MANUAL

This manual contains detailed reference material about Application Control Language (ACL) programming for the IBM 3741 Models 3-4. Information in the manual is intended to satisfy the requirements of ACL programmers and 3741 Model 3-4 operators.

Manual, 136 pages
//08//3741/

GA21-9195

A PROGRAMMER'S INTRODUCTION TO THE APPLICATION CONTROL LANGUAGE (FOR 3741 MODELS 3 & 4 PROGRAMMING WORKSTATION)

This publication is intended for persons who want to learn how to write programs using ACL (Application Control Language). ACL is the programming language used on the IBM 3741 Models 3 and 4 Programmable Work Station. The publication is an educational tool for programmers who either already know a computer language, or have just learned programming by attending the IBM class in ACL. The reader should be familiar with the data processing concepts and the operation of the IBM 3741 Models 1 and 2 Data Station.

This publication is divided into two chapters. The first chapter is an introduction to ACL. It briefly describes ACL control statements and instructions and gives a procedure to code an ACL program. The second chapter describes the ACL control statements and instructions that a programmer must use. The information in this chapter is arranged so that you learn the functions and structure of the language first and then the operations. After reading this publication, you should have enough knowledge about ACL to write a program. The Order Entry program is used as an example throughout the chapter.

Manual, 244 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA21-9196

IBM 3741 MODELS 3 AND 4 PROGRAMMABLE WORK STATION GENERAL INFORMATION

This publication provides general information about the IBM 3741 Programmable Work Station. It describes the new functions of the work station and the Application Control Language which is used to control the work station. Examples of applications that can be used on the work station are also provided.

This publication is for company executives, system analysts, data processing managers, programmers, and installation managers who wish general information about the IBM 3741 Programmable Work Station.

Manual, 25 pages
//08//3741/

GA21-9197

IBM 3540 DISKETTE INPUT/OUTPUT UNIT OPERATOR'S GUIDE AND PROGRAMMER'S REFERENCE MANUAL

This manual provides experienced assembler language and machine level programmers, systems analysts, and machine operators with reference information about the IBM 3540. The manual contains descriptions of IBM S/370 instructions and commands used to control the 3540. It provides them with error indications, conditions, and recovery procedures. It provides systems analysts and machine operators with a description of the 3540, its operator controls, and operator procedures.

Programmers using this manual should be familiar with the system to which the 3540 will be attached, and should understand the system interface characteristics.

Manual, 56 pages
//08//3540/

GA21-9221

IBM 3742 DUAL DATA STATION FUNCTION CONTROL FEATURE REFERENCE MANUAL SUFFICIENT RFP 843866

This manual describes the operation and use of the FCF (Function Control Feature) of the IBM Dual Data Station. The FCF is made available by RFP 843866.

This manual is written with the assumption that you can operate the IBM 3742 Dual Data Station and are familiar with the IBM 3742 Dual Data Station Operator's Guide, GA21-9136, and the IBM 3742 Dual Data Station Reference Manual, GA21-9184. This manual does not contain any information covered in these publications. You should have an understanding of general programming concepts to make full use of this

manual. You should also read the general description of the FCF and its operation with the 3742 programs before going on to the following sections.

Several examples illustrate functions for which the RPQ was intended. There is considerable flexibility in the FCF functions that can be performed. You can also implement functions not addressed in this manual. However, no programming support or assistance is provided beyond that contained in the manual.
Manual, 44 pages
//14//3742/

GA21-9224

IBM 3740 DATA ENTRY SYSTEM ASCII RPQ REFERENCE MANUAL SUPPORTING RPQS S40069, S40075, and S40081

This publication is intended for customer programmers, system analysts, operators, and IBM system engineers who need specific information about the 3740 Data Entry System RPQS. This publication describes only the differences between the ASCII RPQ and the standard EBCDIC machine operations. This publication assumes the reader understands the contents of the following manuals:

- o IBM 3740 Data Entry System, System Summary and Installation Manual -- Physical Planning, GA21-9152.
- o IBM 3741 Data Station Operator's Guide, GA21-9131.
- o IBM 3742 Dual Data Station Operator's Guide, GA21-9136.
- o IBM 3741 Data Station Reference Manual, GA21-9183.
- o IBM 3742 Dual Data Station Reference Manual, GA21-9184.
- o The IBM Diskette for Standard Data Interchange, GA21-9182.
- o IBM 3747 Data Converter Reference Manual and Operator's Guide, GA21-9170.
- o IBM 3740 Data Entry System Programmer's Guide, GA21-5071.

Manual, 22 pages
//14//3741,3742,3747/

GA21-9240

3741 READER/PUNCH ATTACHMENT FEATURE RPQ GF2495 REFERENCE MANUAL AND OPERATOR'S GUIDE

This manual describes the operation and use of the IBM 3741 Reader/Punch Attachment feature. This feature is made available by RPQ GF2495. Included is programming reference information, operating instructions, and error recovery procedures.

This manual is written with the assumption that the user has an understanding of the IBM 3741 and is also familiar with the IBM 3741 Data Station Operator's Guide, GA21-9131 and the IBM 3741 Data Station Reference Manual, GA21-9183. This manual does not contain information covered in these publications.

Information about the input/output devices that can be attached to the 3741 when using the Reader/Punch Attachment feature can be found in the following reference manuals listed:

- o IBM 1017 Paper Tape Reader:
IBM System/360 Component Descriptions 2826 Paper Tape Control Unit, 1017 Paper Tape Reader, 1018 Paper Tape Punch, GA33-4500
IBM System/3 1017 Paper Tape Reader Program Reference Manual, GC21-5035
- o IBM 2956 Optical Mark/Hole Reader:
IBM 2956 Optical Mark/Hole Reader Models 2 and 3 Component Description and Operating Procedures, GA21-9050
System/3 Model 10 Disk System Attachment for IBM 2956 Optical Mark/Hole Reader Models 2 and 3, GA21-9198
- o IBM 1054 Paper Tape Reader and the IBM 1055 Paper Tape Punch:
IBM 1050 Operator's Guide, GA24-3125

Manual, 32 pages, 1/76
//14//3741/

GA21-9384

3741 DATA STATION NCR 250 ATTACHMENT FEATURE REFERENCE MANUAL SUPPORTING RPQ GJ1499

This manual is intended for users of the 3741 Data Station with the NCR 250 RPQ.

It describes the operation and use of the communications between the IBM 3741 and the NCR 250 cash register.

Manual, 8 1/2 x 11 inches, 30 pages, 10/78
//14//3741/

GA22-6846

IBM SYSTEM/360 COMPONENT DESCRIPTION IBM 2702 TRANSMISSION CONTROL

Information concerning the operation of an IBM 2702 in a System/360 based Teleprocessing operation is provided in this publication. It contains the following information:

- within a System/360 teleprocessing activity
- within a System/360-Teleprocessing activity
- A functional description of the various sections and features of the 2702

IBM 2702 commands - both channel and terminal
IBM 2702 commands--both channel based and terminal control based
Individual sections on 2702 Terminal Controls

Terminal Controls
IBM Terminal Control Type I
IBM Terminal Control Type II

World Trade Telegraph Terminal Control
IBM Telegraph Terminal Control Type I
IBM Telegraph Terminal Control Type II

Related literature is referenced by form number and briefly described in the IBM SYSTEM/360 BIBLIOGRAPHY, Form GA22-6822.
Manual, 176 pages
//09//2702/

GA22-6864

IBM 2701 DATA ADAPTER UNIT COMPONENT DESCRIPTION

The IBM 2701 Data Adapter Unit Component Description is a reference manual describing the functions of the IBM 2701. The IBM 2701 permits an IBM System/360 or System/370 to communicate with a variety of remote terminals, devices, and stations.

This publication is designed to help the 2701 user, operator, and programmer to achieve efficient use of the 2701. Detailed descriptions are presented for:

- o The 2701 in the IBM System/360 and System/370 environment
- o Characteristics of the 2701 (including features)
- o Terminal adapter types: IEM Start/Stop Terminal Adapters, Telegraph Terminal Adapters, Parallel Data Adapter, Synchronous Transmit Receive (STR) Adapter, and Binary Synchronous Communications (BSC) Adapter
- o Programming considerations for the 2701
- o Line control sequences to and from the 2701 and attached terminals
- o ending status and sense bit descriptions

The reader should have a knowledge of teleprocessing and be familiar with the principles of operation for the IBM System/360 or System/370. For detailed information about Binary Synchronous Communication, refer to General Information - Binary Synchronous Communications (GA27-3004). For detailed information about a specific terminal, refer to the appropriate publication for that terminal.
Systems Reference Library Manual, 204 pages
//09//2701/

GA22-6866

SYSTEM/360 COMPONENT DESCRIPTIONS: 2400-SERIES MAGNETIC TAPE UNITS, 2803/2804 TAPE CONTROLS, AND 2816 SWITCHING UNIT MODEL 1

This manual contains a comprehensive presentation of the characteristics, functions, and features of the IBM 2400 Series Magnetic Tape Units, 2803/2804 Tape Controls, and a general description of the IBM 2816 Model 1 Switching Unit. The 2400 series consists of the 2401, 2402, and 2420 Magnetic Tape Units, and 2403, 2404, and 2415 Magnetic Tape Units and Controls.

In most instances, operational descriptions are limited to the channel and command level. Operating functions and procedures common and fundamental to all I/O operations are described in IBM SYSTEM/360 PRINCIPLES OF OPERATION, Order Number GA22-6821.

Subjects covered include magnetic tape unit principles; keys and lights; tape load, unload, and cleaning procedures; status and sense information; magnetic tape handling; tape block and reel organization; and error recovery procedures.
Manual, 70 pages
//05//2400,2401,2402,2403,2404,2816,2415,2804,2803/

GA22-6877

IBM SYSTEM/360 COMPONENT DESCRIPTIONS AND OPERATING PROCEDURES IBM 1052 PRINTER-KEYBOARD MODEL 7 WITH IBM 2150 CCNSCLE

This publication describes the functional and operational characteristics of the IBM 1052 Printer-Keyboard Model 7 with the IBM 2150 CCNSCLE.

Systems Reference Library Manual, 22 pages
//01//1052,2150/

GA22-6895

IBM SYSTEM/360 COMPONENT DESCRIPTIONS - 2820 STORAGE CONTROL AND 2301 DRUM STORAGE

This publication contains reference information for the operation and programming of the IBM 2820 Storage Control and IBM 2301 Drum Storage. It also contains a brief description of the special features that are available for use with the devices.

Systems Reference Library Manual, 44 pages
//07//2301,2820/

GA22-6935

IBM SYSTEM/370 MODEL 165 FUNCTIONAL CHARACTERISTICS

This publication describes the organization and the functional characteristics of the IBM System/370 Model 165, an information-processing system designed for very high-speed, large-scale scientific and business applications.

The system components are described, and a detailed consideration is given to the functions of processor storage, the central processing unit, the input/output channels, and the operator-control and operator-intervention portions of the system control panel. In addition, certain coding and timing considerations are described.

The reader is assumed to have a knowledge of information-processing systems and to have an understanding

of the System/360, as that system is described in the IBM SYSTEM/360 PRINCIPLES OF OPERATION, Order No. GA22-6821. The IBM SYSTEM/370 PRINCIPLES OF OPERATION, GA22-7000, should be used in conjunction with the IBM SYSTEM/360 PRINCIPLES OF OPERATION. Functional Characteristics Manual, 48 pages 3165//01///

System Configurator, 1 sheet 3155//00///

GA22-6942

IBM SYSTEM/370 MODEL 155 FUNCTIONAL CHARACTERISTICS
This publication describes the organization, functional characteristics, and features of the IBM System/370 Model 155. System components are described, and consideration is given to the central processing unit, main storage, input/output channels, and the operator control and operator intervention portions of the system control panel. Instruction timing information is also given.

This publication is intended for users and potential users of the Model 155. The reader is assumed to have a background knowledge of data processing systems. Functional Characteristics Manual, 46 pages 3155//01///

GA22-6943

IBM SYSTEM/360 AND SYSTEM/370 MODEL 195 FUNCTIONAL CHARACTERISTICS

This publication describes the organization and functional characteristics of the IBM System/360 Model 195, an information-processing system designed for ultrahigh-speed, large-scale scientific applications.

System components are described, and detailed consideration is given to the functions of processor storage, central processing unit, input/output channels, and operator-control and operator-intervention portions of the system control panel. Coding and timing considerations are discussed.

The reader is assumed to have a knowledge of information-processing systems and to have read the IBM System/360 Principles of Operation, Order Number GA22-6821. Systems Reference Library Manual, 40 pages 3195//01///

GA22-6944

IBM SYSTEM/360 AND SYSTEM/370 MODEL 195 CONFIGURATOR
Sheet shows all units that can be configured on the System/360, Model 195. Configuration Sheet, 2 pages 3195//00///

GA22-6951

IBM 50 MAGNETIC DATA INSCRIBER OPERATOR'S GUIDE

This manual for the IBM 50 Magnetic Data Inscrubber (MDI) has been prepared to satisfy the requirements of the operator. It contains descriptions, in text and illustrations, of all the possible operations. Included are a general description of the machine and its capabilities, procedures for readying the machine, and detailed descriptions of operations, recovery procedures, specific applications, special features, and available accessories.

Manual, 129 pages //10//0050/

GA22-6954

IBM SYSTEM/360 AND SYSTEM/370 MODEL 195 OPERATING PROCEDURES
Provides procedures relative to operating the S/360 and S/370 Model 195. Manual is directed to those individuals who will be operating the Model 195. Manual 3195//01///

GA22-6955

IBM SYSTEM/370 SPECIAL FEATURE DESCRIPTION:
709/7090/7094/7094 II

COMPATIBILITY FEATURE FOR IBM SYSTEM/370 MODEL 165
This publication contains information about the IBM 7094 compatibility feature (#7119), which adds interpretive facilities to System/370 Model 165 for use by the IBM 7094 emulator program. The combination of the feature and the program (referred to as the 7094 emulator) allows execution on IBM System/370 Model 165 of programs written for the IBM 709, 7090, 7094, and 7094 II Data Processing Systems. Systems Reference Library Manual, 52 pages 3165,3168//13//7090,7094,0709/

GA22-6956

IBM SYSTEM/370 MODEL 165 CONFIGURATOR

Diagram of 3165 Processing Unit and attachable channels (no I/O units) showing capacities and all standard and special features. Configurator Sheet, 1 page 3165//00///

GA22-6957

IBM SYSTEM/370 MODEL 155 CONFIGURATOR

This sheet shows standard and optional features, main storage sizes by model, channel and sub-channel availability by model, and adapters required for console I/O units on the System/370 Model 155.

GA22-6958

7070/7074 COMPATIBILITY FEATURE FOR IBM SYSTEM/370 MODELS 165, 165 II, and 168

This publication contains information about the IBM 7070/7074 compatibility feature, which adds interpretive facilities to System/370 Model 165 for use by the IBM 7074 emulator program. The combination of the feature and the program (referred to as the 7074 emulator) allows execution on IBM System/370 Model 165 of programs written for the IBM 7070 and 7074 Data Processing Systems. Systems Reference Library Manual, 36 pages 3165,3168//13//7070,7072,7074/

GA22-6962

IBM SYSTEM/370 MODEL 155 CHANNEL CHARACTERISTICS

This publication describes methods used to calculate System/370 Model 155 data handling capabilities that are dependent upon I/C-channel configurations and operations. Considerations of methods are also presented for priority attachment of I/C devices for maximum throughput.

Information related to specific I/O devices is contained in separate Systems Reference Library publications. These publications are listed by order number and briefly described in IBM System/360 Bibliography, GA22-6822.

This manual is intended for users at the system programmer level; it assumes a thorough background in I/O programming techniques. Systems Reference Library Manual, 52 pages 3155//01///

GA22-6963

7080 COMPATIBILITY FEATURE FOR IBM SYSTEM/370 MODELS 165, 165 II, and 168

This publication contains information about the IBM 7080 compatibility feature, which adds interpretive facilities to System/370 Model A65 for use by the IBM 7080 emulator program. The combination of the feature and the program (referred to as the 7080 emulator) allows execution on IBM System/370 Model 165 of programs written for the IBM 7080 Data Processing System.

Systems Library Manual, 48 pages 3165,3168//13//7080/

GA22-6966

IBM SYSTEM/370 MODEL 155 OPERATING PROCEDURES

This manual describes operator procedures for an IBM System/370 Model 155. Machine coverage includes console indicators, switches, and keys; printer-keyboard; and operating procedures. The manual is intended for the Model 155 system operator. The reader is assumed to have a knowledge of information-processing systems and to have read the IBM SYSTEM/360 OPERATING SYSTEM: OPERATOR'S PROCEDURES, GC28-6692.

Systems Library Manual, 40 pages 3155//01///

GA22-6968

IBM 129 CARD DATA RECORDER OPERATOR'S REFERENCE MANUAL

This manual describes the functional and operating characteristics and the operator procedures for the IBM 129 Card Data Recorder. The 129, operating with or without a prepunched card program, is manually keyed (and corrected, in memory storage), then automatically punches, providing conventional 80-column punched cards. Models are provided with these functions:

- Model 1 Funch, verify
- Model 2 Print, punch
- Model 3 Print, punch, verify

Keyed input errors may be erased and corrected before being punched into the card. Verification compares keyed data with data read into storage; correction is made in storage. After reverification in storage, the corrected card is punched.

This manual is addressed to the card data recorder operator.

Manual, 72 pages NOT AVAILAABLE UNDER SLSS

GA22-6969

IBM SYSTEM/370 MODEL 165 OPERATING PROCEDURES

This manual describes the manual operator procedures for an IBM System/370 Model 165. This material provides a guide to performing the procedures which cover the bulk of the operator's job in operating the Model 165. This publication is written for the working operator who has already received training in general computer operation. This book is prepared specifically for the Model 165 system operator; other models have their own manuals. Covering the overall daily manual operation, this information includes System Procedures, Operator Intervention Procedures, Bow the System Works (control panels), and supplementary appendixes useful for operating this model. The reader is assumed to have read the IBM SYSTEM/360 OPERATING SYSTEM: OPERATOR'S PROCEDURES, GC28-6692.

System Library Manual, 80 pages 3165//01///

GA22-6983

SYSTEM/370 SPECIAL FEATURE: CHANNEL-TO-CHANNEL ADAPTER
This publication provides a functional description of the SYSTEM/370 Channel-to-Channel Adapter. The System/370 and System/360 channel-to-channel adapters are alike in function and similar in operation. This manual describes all the functions of the System/360 adapter as provided in IBM System/360 Special Feature Channel-to-Channel Adapter, plus unique System/370 extensions. Reference information is included which pertains to the adapter's use, operation, and commands, and status data required for the assembly language programming.

The reader should possess a basic knowledge of data processing systems and, specifically, the IBM System/370. Such information can be found, for example, in the Introduction to IBM Data Processing Systems, GC20-1684, and in the IBM System/370 System Summary, GA22-7001.

This manual is directed to the user who needs a description of the adapter's function and operation, as well as to the systems programmer, systems engineer, or maintenance personnel who need reference information in the writing and maintenance of assembly language programs for the channel-to-channel adapter.
Manual, 20 pages
370//13///

GA22-7000

IBM SYSTEM/370 PRINCIPLES OF OPERATION

This publication provides, for reference purposes, a detailed definition of the machine functions performed by System/370. System/370, like System/360, consists of many models of general purpose computers, each of which can process both commercial and scientific data.

The manual describes each function to the level of detail that must be understood in order to prepare an assembly language program that relies on that function. It does not, however, describe the notation and conventions that must be employed in preparing such a program, for which the user must instead refer to the appropriate assembly language manual.

The information in this manual is provided principally for use by assembly language programmers, although anyone concerned with the functional details of System/370 will find it useful.

Because this manual is written as a reference document, it should not be considered to be an introduction or a textbook for System/370. It assumes the user has a basic knowledge of data processing systems, and specifically, the System/370, such as can be derived from the Introduction to IBM Data Processing Systems, GC20-1684, and the IBM System/370 System Summary, GA22-7001.

The information presented in this manual is grouped into 14 chapters and several appendixes. The major topics presented include: Control, Dynamic Address Translation, Interruptions, Multiprocessing, System Control Instructions, General Instructions, Decimal Instructions, Floating Point Instructions, Machine-Check Handling, Input/Output Operations, and System Console.
Manual, 316 pages
370//01///

GA22-7001

SYSTEM/370 SYSTEM SUMMARY: PROCESSORS

This manual provides basic information about IBM System/370, the data processing system based on IBM System/360 but extending beyond its capabilities. Briefly discussed are the system concepts, features, individual models, and programming systems.

A basic knowledge of data processing systems, such as that given in the Introduction to IBM Data Processing Systems, GC20-1684, is assumed.

More detailed information about System/370 is available in IBM System/370 Principles of Operation, GA22-7000. For more information about any individual System/370 model, see the functional characteristics manual for the model.

This manual can be ordered separately by using Order Number GA22-7001, or together with two companion manuals: the IBM Input/Output Device Summary GA32-0039, and the IBM Data Communication Device Summary GA27-3185, by using Order Number GBOP-4550.
Manual, 8 1/2 x 11 inches, 90 pages, 9/78
370//00///

GA22-7002

SYSTEM/370 INPUT/OUTPUT CONFIGURATOR

This publication, intended as a guide and reference for system planners, provides information about the local and remote attachment of current IBM devices and systems that can operate as input/output equipment with the System/370 models and processor complexes.

For each method of attachment a listing, arranged by equipment category, is followed by a chart, arranged by device or system number. The chart provides comparative information for the attachment of IBM input/output devices to the System/370 processors.

Manual, 8 1/2 x 11 inches, 36 pages, 9/77
370//00///

GA22-7010

SYSTEM/370 MODEL 168 FUNCTIONAL CHARACTERISTICS MANUAL

This publication provides management, programming, and operations personnel with information on the organization and functional characteristics of the IBM System/370 Model

168.

The manual first describes the highlights of the system, configurations, facilities, and features. It then presents a more in-depth description of the central processing unit, storage control unit, storage, channels, functions, controls, indicators, and multiprocessing.

Details concerning programming and peripheral equipment are not given in this manual.

The reader is assumed to have an understanding of data processing systems including fundamental knowledge of IBM System/370 as defined in IBM System/370 Principles of Operation, GA22-7000.

Manual, 46 pages
3168//01///

GA22-7011

IBM SYSTEM/370 MODEL 158 FUNCTIONAL CHARACTERISTICS

This manual describes the characteristics and features of the Model 158. It provides experienced management, programming, and operations personnel with a fundamental understanding of this model. Knowledge of System/370 as provided in IBM System/370 Principles of Operation, GA22-7000, is required. Only information of particular concern to Model 158 users is covered in this manual which summarizes the processing unit, storage functions, system console, programmed operations, multiple-processor systems including the attached processor and facilities and features. A glossary and the index completes the manual.
Manual, 8 1/2 x 11 inches, 60 pages, 8/78
3158//01///

GA22-7012

IBM SYSTEM/370 MODEL 158 CHANNEL CHARACTERISTICS

This publication describes methods used to calculate System/370 Model 158 Data Handling Capabilities that are dependent on I/O channel configurations and operations. In addition, consideration is given to priority attachment of I/O devices for maximum throughput, and to calculating CPU interference caused by channel operations. This manual is intended for users having system programmer experience, and a thorough background in I/O programming techniques.
Manual, 70 pages
3158//01///

GA22-7013

SYSTEM/370 MODEL 158 CONFIGURATOR

This chart is a graphic presentation of the System/370 Model 158 including all models of 3158 CPU, all I/C interface change, main storage capacities, standard facilities and all optional features.
Chart
3158//00///

GA22-7014

SYSTEM/370 MODEL 168 CONFIGURATOR

This chart is a graphic presentation of the System/370 Model 168 including all models of the 3168, main storage capacities, standard facilities and all optional features.
Chart
3168//00///

GA22-7016

IBM SYSTEM/370 MODEL 165 II DYNAMIC ADDRESS TRANSLATION FACILITY

This manual is a general description of the field installable Dynamic Address Translation (DAT) facility and also the ancillary functions which implement the feature. Management, computer operators, system engineers, service personnel, programmers, and computer science students should refer to IBM System/370 Model 165 Functional Characteristics, GA22-6935, for an overall picture of the system.
Manual, 13 pages
3165//13///

GA22-7017

IBM SYSTEM/370 MODEL 155 II DYNAMIC ADDRESS TRANSLATION FACILITY

This publication describes the field-installable Dynamic Address Translation facility. It provides experienced management, programming and operations personnel with a fundamental understanding of this facility. For additional information concerning dynamic address translation, refer to IBM System/370 Principles of Operation, GA22-7000.
Manual, 9 pages
3155//13///

GA22-7054

IBM SYSTEM/370 MODEL 158 HIERARCHICAL MONITORING SYSTEM, FEATURE DISCRETION

This manual describes the hierarchical monitoring system of the IBM System/370 Model 158 Data Processing System. Written to the system engineer level, this manual, addressed to management, programming, and operations personnel, lists the instructions for a user program of system facility monitoring. This manual should be considered a supplement to IBM System/370 Model 158 Functional Characteristics, GA22-7011.
Manual, 37 pages, 11/75
3158//01///

GA22-7061

IBM 3032 PROCESSOR COMPLEX FUNCTIONAL CHARACTERISTICS
This manual describes the functional characteristics and features of the IBM 3032 Processor Complex. Subjects described from the management, programmer, and operations level include:

- Basic System Description
- Processor
- IBM 3036 Console
- Channel Characteristics
- Functions

This publication should be used in conjunction with the IBM System/370 Principles of Operations, GA22-7000. The publication limits itself to the description of the IBM 3032 Processor and the IBM 3036 Console.

Manual, 8 1/2 x 11 inches, 62 pgs, 6/77
3032//01//

GA22-7062

IBM 3032 PROCESSOR COMPLEX CONFIGURATOR

This chart is a graphic representation of the IBM 3032 Processor Complex, including processor storage capacity, standard features and optional features.

Reference summary, 8 1/2 x 11 inches, 1 pg, 6/77
3032//00//

GA22-7065

IBM 3033 PROCESSOR COMPLEX AND 3033 MULTIPROCESSOR COMPLEX CONFIGURATOR

The configurator shows the standard and optional features, the processor storage capacities, and the channels and subchannels available for the IBM 3033 Processor. It shows the standard features available for the IBM 3042 Attached Processor. It also provides representative plan views of the IBM 3033 Processor Complex, Attached Processor Complex and Multiprocessor Complex.

Form, 8 1/2 x 11 inches, 2 pages, 1/79
3033//00//

GA22-7066

3031 PROCESSOR COMPLEX AND 3031 ATTACHED PROCESSOR COMPLEX FUNCTIONAL CHARACTERISTICS

This manual describes the characteristics and features of the IBM 3031 Processor Complex and 3031 Attached Processor Complex. It provides experienced data processing management, programming, and operations personnel with a fundamental understanding of these processor complexes. Knowledge of System/370 as provided in IBM System/370 Principles of Operation, GA22-7000, is desirable.

Manual, 8 1/2 x 11 inches, 60 pages, 12/78
3031//01//3041/

GA22-7070

4300 PROCESSORS PRINCIPLES OF OPERATION FOR ECPS:VSE MODE

This manual provides, for reference purposes, a detailed definition of the functions performed by IBM 4300 Processors when operating in ECPS:VS mode.

This manual describes each function to the level of detail that must be understood in order to prepare an assembler-language program that relies on that function. It does not, however, describe the notation or conventions that must be used to prepare such a program.

The information in this manual is provided principally for use by assembler-language programmers, although anyone concerned with the functional details of the IBM 4300 Processors will find it useful.

This manual is written as a reference document, and should not be considered an introduction or textbook.
Manual, 8 1/2 x 11 inches, 350 pages, 3/79
4331,4341//01//

GA22-7071

IBM 3031 PROCESSOR COMPLEX CONFIGURATION CHART

This chart is a graphic presentation of the IBM 3031 Processor Complex including all models of the 3031 Processor, processor storage capacities, standard features, and optional features.

Configurator, 8 1/2 x 11 inches, 2 pgs, 9/77
3031//00//3041/

GA22-7072

IBM SYSTEM/370 EXTENDED FACILITY

This manual is intended for system programmers and IBM Field Engineering personnel. The reader should be familiar with the general machine functions of System/370, as described in the IBM System/370 Principles of Operation, GA22-7000, and with the MVS system. This feature is available on some models and processor complexes of System/370. Developed to support the internal structure of the MVS control program, this facility enhances the capabilities and performance of the MVS system when it is used with the MVS/System Extensions program product 5740-XE1.

Manual, 8 1/2 x 11 inches, 20 pgs, 1/78
3031,3032,3033,3158,3168//01//

GA23-0011

IBM 3270 INFORMATION DISPLAY SYSTEM DESCRIPTION, CONFIGURATION AND PHYSICAL PLANNING IBM 3274 CONTROL UNIT MODEL 1C DATAPHONE DIGITAL SERVICE ADAPTER FEATURES

Contains preliminary descriptive, configuration, and

physical planning information about the IBM 3274 Control Unit, Model 1C, Dataphone Digital Service Adapter (LISA) Features. Intended for data processing personnel, including managers and system analysts, for operations and administration managers, and for physical planning personnel.

Manual, 8 1/2 x 11 inches, 12 pages, 6/78
370//13//3274/

GA23-0013

IBM 3270 INFORMATION DISPLAY SYSTEM DESCRIPTION AND CONFIGURATION IBM 3274 CONTROL UNIT MODEL 1C ENCRYPT/DECRYPT FEATURE

Preliminary descriptive and configuration information about IBM 3274 Control Unit, Model 1C, Encrypt/Decrypt Feature. Intended for data processing personnel, including managers, system analysts, and programmers, and for operations and administrative managers.

Manual, 8 1/2 x 11 inches, 16 pages, 6/78
370//13//3274/

GA23-0020

3278 MODEL 2A DISPLAY CONSOLE PROBLEM DETERMINATION GUIDE

The Problem Determination Guide for the 3278 model 2A is used to give the operator quick reference information and procedures to assist in determining the cause of problems encountered while operating. This problem determination guide is designed to be mounted in the 3278 model 2A console keyboard using a two-sided tape on the back cover.

Manual, 1 3/4 x 10 inches, 2/79
4341//01//3278/

GA23-0023

3270 INFORMATION DISPLAY SYSTEM 3274 CONTROL UNIT OPERATOR'S GUIDE

The information in this publication is intended to familiarize operators of the IBM 3274 Control Unit with its features and to guide the operators in its use.

Manual, 8 1/2 x 11 inches, 40 pages, 12/78
360,370//09//3274/

GA24-1029

IBM 1001 DATA TRANSMISSION SYSTEM

This reference publication describes the operation of the IBM 1001 Data Transmission System when transmitting over a communication line to an IBM 24 or 26 Card Punch, or an IBM 7770 or 7772 Audio Response Unit. A detailed description of the card reader, keyboard, and control keys is included. Operating procedures and applications are discussed.

Product Reference Literature
//09//1001/

GA24-1499

IBM 1219 READER SORTER IBM 1419 MAGNETIC CHARACTER READER

This publication describes the operating characteristics, controls, indicators, and features of the IBM 1219 Reader Sorter and the IBM 1419 Magnetic Character Reader. Operating theory and procedures are given for off-line operation of both machines and on-line operation of the IBM 1419 within the 1400 series and System/360.

Document handling and data flow are discussed fully, and step-by-step procedures and practical examples are given for each machine. Programming notes and error recovery procedures are also given.

Systems Reference Library Manual, 96 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA24-3018

IBM 1030 DATA COLLECTION SYSTEM

This reference publication discussed in detail the operating features, controls, and special features for the:

- IBM 1031 Input Station
 - Card Reader
 - Manual Entry Unit
 - Data Cartridge Reader
 - Badge Reader
- IBM 1032 Digital Time Unit
- IBM 1033 Printer
- IBM 1034 Card Punch
- IBM 1035 Badge Reader

These components provide on-line and off-line capabilities for this Tele-processing system. System timing calculations for the transmission line, for the IBM 1034 Card Punch, and for packed-card operation with the IBM 1034 are all fully discussed. Also included is a summary of system checking, and instructions for making wiring charts to be used at installation time.

Manual, 72 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA24-3020

IBM 1050 REFERENCE DIGEST

This publication is a summary of the capabilities, operating controls, special features, and physical characteristics of each component in the IBM 1050 Data Communication System. Items are listed alphabetically and a reference is made (by item) to the publication containing more detailed information on the subject.

If no publication is referenced, it indicates that all

information on the subject is contained within this manual under the heading(s) specified. Refer to the preface in this manual for the titles and form numbers of publications referenced in the manual and other machine publications available for the 1050 System.
Systems Reference Library Manual, 64 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY ,1056/

GA24-3021

IBM 1030 DATA COLLECTION SYSTEM INSTALLATION MANUAL - PHYSICAL PLANNING

This publication contains pertinent, detailed information concerning installation of the IBM 1030 Data Collection System. Included are physical characteristics and electrical environmental requirements for each unit of the system. Typical system configurations with inter-unit and mainline cabling requirements are presented. Particular attention is devoted to those aspects of installation performed by the customer.

The following IBM publications are recommended for use with this Manual:

IBM 1030 CONFIGURATOR, Form A24-3045
PLANNING AND INSTALLATION OF A DATA COMMUNICATIONS SYSTEM, Form A24-3435

Systems Reference Library Manual, 24 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA24-3022

IBM 1050 DATA COMMUNICATIONS SYSTEM INSTALLATION MANUAL, PHYSICAL PLANNING

This publication presents detailed information concerning the physical characteristics of the IBM 1050 Data Communications System. Included are environmental and electrical requirements and installation information for each unit of the system. Particular attention is devoted to those aspects of installation performed by the customer. Typical system configurations for the individual terminals and for private communication networks are presented. This information is necessary for preparing the customer's premises for the actual installation of the equipment.
Systems Reference Library Manual, 38 pages
//15//1050,1051,1058,1052,1053,1054,1055,1056/

GA24-3034

IBM 1060 DATA COMMUNICATIONS SYSTEM

Detailed information about the IBM 1061 control Unit and the IBM 1061 Teller Terminal is contained in this publication. Features, functions, operator procedures, data flow, and programming; plus document design, special features, and communication-company equipment are discussed.
Systems Reference Library Manual, 54 pages
//09//1060,1061,1062/

GA24-3045

IBM 1030 CONFIGURATOR

Sheet provides list of units that can be configured in a 1030 system. Sheets used for planning customer system configuration.
Configurator Sheets, 8 1/2 x 11, 8 pages
//00//1030,1031,1032/

GA24-3073

IBM 1403 PRINTER COMPONENT DESCRIPTION

This reference publication for system planners, programmers, and operators describes the functions and operations of the IBM 1403 Printer. Special features available are described; timing information is presented; and print-quality requirements are set forth. The reader should be familiar, within his field of responsibility, with the system to which this printer is attached. For system and programming information, refer to publications listed in the bibliography for the system.
Manual, 8-1/2 x 11 inches, 56 pages
//03//1403/

GA24-3120

IBM 1443 PRINTER MODELS 1 THROUGH 4 AND N1, AND 1445 PRINTER MODELS 1 AND N1: COMPONENT DESCRIPTION

This reference publication describes the operation of the IBM 1443 and 1445 Printers with the IBM 1240, 1401, 1440, 1450, 1460, 1800, and the IBM System/360 Data Processing System Models 25 through 85.
This manual discusses timing information for the printer and the tape controlled carriage, as well as their functional and operating characteristics. The speed of the printer using the various character sets is described. Also, included is command, status, and sense information for these printers used with the IBM System/360 Data Processing System.
Manual, 36 pages
//03//1443,1445/

GA24-3125

IBM 1050 OPERATOR'S GUIDE

This publication is designed specifically for operating personnel using the IBM 1050 Data Communication System. It consists of five individual sections, with each section prepared as a complete stand-alone unit. The sections of this manual are:

Section 1. Introduction: description of all system

components including standard and special features.

Section 2. System and Component Controls--Detailed description of all controls and indicators for each component of the system.

Section 3. Operator Procedures: Step by step instructions covering all setup and operating procedures for the system.

Section 4. Basic Applications: Step by step instructions covering the various input/output operations possible with the 1050 System for both home-loop and line-loop operations.

Section 5. Tips and Techniques: Methods for improving operating efficiency for specific situations.
Manual, 144 pages

//09//1050,1051,1058,1052,1053,1054,1055,1056/

GA24-3266

1092 AND 1093 PROGRAMMED KEYBOARDS

This reference publication describes, in detail, the operation of the IBM 1092 and 1093 programmed keyboards when attached directly to either an IBM 1050 Data Communications System or a common-carrier data set. A detailed description of the data keys, control buttons, keypads, and special features is also included.
Manual, 8 1/2 x 11 inches, 24 pages, 2/65

SLSS - ORDER NO. SUBSCRIPTION ONLY

GA24-3312

IBM 2821 CONTROL UNIT COMPONENT DESCRIPTION

This reference publication presents a description of input/output operations controlled through the IBM 2821 Control Unit. The IBM 2540 Card Read-Punch and the IBM 1403 and 1404 Printers controlled by the IBM 2821 Control Unit are briefly described.

Commands, status, and sense information pertaining to the attached input/output is presented. Programming timing considerations for control unit, card reader, card punch, and printers are also presented.

Systems Reference Library Manual, 76 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA24-3342

BATCH NUMBERING FEATURE FOR IBM 1241 AND 1419 MAGNETIC INK CHARACTER RECOGNITION READERS

This publication describes the functions and features of the Batch Numbering special feature when used with the IBM 1241 Magnetic Ink Character Recognition Reader and the IBM 1419 Magnetic Character Reader.

The operation of the keys, lights, and switches, as well as the programming information needed to operate the feature, is covered in detail.

Systems Reference Library Manual, 16 pages
//13//1241,1419/

GA24-3388

IBM 2671 PAPER TAPE READERIBM 2822 PAPER TAPE READER CONTROL - COMPONENT DESCRIPTION

This publication gives sufficient information to understand the IBM 2671 Paper Tape Reader and IBM 2822 Paper Tape Reader Control and the associated special features. The main purpose of the publication, however, is to assist programmers and operators to operate the machine when it is used as an I/C unit to the IBM System/360 Model 25, 30, 40, 44, 50, or 67, or to System/370. The relevance of the controls and indicators for such a configuration are given, together with points of specific interest to the following:

- o Programmers: Operational characteristics, including stop conditions, addressing, recovery procedures, and System/360 commands.
- o Operators: Tape loading, unloading, rewinding, and repair procedures.
- o System Analysts: Tape specifications.

The sections for programmers presuppose a knowledge of System/360 and System/370 operation and of paper tape readers, but no such knowledge is required in understanding the sections for operators.

ASSOCIATED PUBLICATIONS

Physical Characteristics of the 2671 Paper Tape Reader and 2822 Paper Tape Reader Control and of System/360 operation are given in the following publications:

1. IBM SYSTEM/360 INSTALLATION MANUAL - PHYSICAL PLANNING, Order No. GC22-6820.
2. IBM SYSTEM/360 INSTALLATION MANUAL - PHYSICAL PLANNING, IBM WORLD TRADE 50-BERTZ REQUIREMENTS, Order No. GC19-0001.

Manual, 64 pages
//08//2671,2822/

GA24-3403

IBM 2740 COMMUNICATION TERMINALS MODEL 1 AND 2 COMPONENT DESCRIPTION

This publication describes the application areas, principles of operation, line-control signals, and special features of the IBM 2740 Communication Terminal Models 1 and 2. The communication facilities and data sets that can be used with this Tele-processing terminal are also discussed. Included is a glossary of communication terms used in this publication, and the timing formulas necessary to calculate the data-handling capability of the terminal.
Systems Reference Library Manual, 60 pages

//09//2740,2741/

- o Print Chart (Six Lines per Inch), GX20-1816
- o Print Chart (Eight Lines per Inch), GX20-1818

GA24-3415

IBM 2741 COMMUNICATION TERMINAL

This manual is written for those interested in the concepts and applications of conversational terminals. A general knowledge of computer principles and programming concepts is a prerequisite for complete understanding of the information presented. The publication describes application areas, principles of operation, line-control signals, and special features of the IBM 2741 Communication Terminal. The communications facilities that can be used with this teleprocessing terminal are discussed. Also included are programming considerations, code charts, and keyboard arrangements.

Systems Reference Library Manual
//09//2741/

Another publication which is not an IBM publication but may be helpful in designing forms and for comparison purposes is International Standard ISO, 2784. Dimensions in this manual are to this standard. IBM printers included are:

1132	3211	3618
1403	3213	3713
1404	3215	3715
1443	3284	3717
2203	3286	3791 Line Printer Feature
2213	3288	3792 Line Printer Feature
2222	3610	5203
3203	3612	5213
3210		

Manual, 32 pages
//03//

GA24-3426

2712 REMOTE MULTIPLEXOR

This reference publication describes the IBM 2712 Remote Multiplexor and its operation. The 2712 is used with IBM 1050, 1060, 2740, and 2741 terminals (134.49 baud) and with telegraph terminals (74.2 baud) connected to IBM System/360 through the IBM 2702 and 2703 Transmission Control Units. Communication facilities that can be used with the 2712 are specified.

Manual, 8 1/2 x 11 inches, 12 pages, 8/65
//09//2712/

GA24-3500

1259 MAGNETIC CHARACTER READER, COMPONENT DESCRIPTION

This reference publication contains information about the features, functions and operating instructions for the operator of the IBM 1259 Magnetic Character Reader. On-line and off-line data flow and operating theory are discussed with detailed programming information and charts for the programmer.

Refer to the following bibliographies for additional publications.

- IBM System/360 Model 20 Bibliography (GA26-3565)
- IBM System/360 Bibliography (GA22-6822)
- IBM 1440, 1240, and 1450 Bibliography (GA24-3005).

Manual, 8 1/2 x 11 inches, 40 pages, 7/69
//04//1259/

GA24-3435

PLANNING AND INSTALLATION OF A DATA COMMUNICATION SYSTEM USING IBM LINE ADAPTERS

This reference publication contains information, for systems engineers and installation planning engineers, on the planning and installation of data communications systems that use IBM Line Adapters (modems). A brief introduction to data communication and to the general purposes and functions of line adapters is presented. Included is technical information applicable to an in-plant user-installed data communications system, and to the local facilities of common carriers. Specifications and requirements are provided for each IBM Line Adapter type, including those intended for limited-distance use only, and for those designed to operate over unlimited-distance common-carrier lines. A Glossary is included as an appendix.

Prior knowledge of data communications systems is helpful, but not essential.

For a description of the switched network, automatic answering, and automatic call origination features of the IBM 1200 Bit-per-Second Line Adapter, this manual refers to SYSTEMS manual, IBM 3872 Modem User's Guide, GA27-3058. General Information, 74 pages
//15//2701,2735/

GA24-3516

IBM 2938 ARRAY PROCESSOR MODEL 1 REG W24563, MCDEL 2 RPO 815188 INSTALLATION MANUAL - PHYSICAL PLANNING

This publication contains physical planning information for installing the IBM 2938 Array Processor Models 1 and 2 (RPO). Included are dimensions, weights, electrical requirements, and environmental specifications. A cable diagram and a cable requirements chart are provided. Systems Reference Library Manual, 6 pages
//15//2938/

GA24-3542

IBM 1255 MAGNETIC CHARACTER READER MODELS 1, 2, AND 3 COMPONENT DESCRIPTION

This publication contains information describing the purpose, function, and operation of the reader/scrter for bank management, IBM sales representatives, systems engineers, and customer engineers. For machine operators it contains operating, recovery, and jam removal procedures. Component Description, 64 pages
//04//1255/

GA24-3471

IBM 1050 SYSTEM SUMMARY

This publication provides an introduction to the IBM 1050 Data Communication System and its associated components. A general description of each of the system components is provided here, along with a summary of all pertinent features for each. The communication facilities and data sets available for the 1050 System are also provided as a general guide. For a detailed description of the system components and their operation, consult IBM 1050 PRINCIPLES OF OPERATION, Form A24-3474.

Systems Reference Library Manual, 20 pages
//09//1050,1051,1052,1053,1054,1055,1056,1058/

GA24-3543

IBM 3211 PRINTER 3216 INTERCHANGEABLE TRAIN CARTRIDGE AND 3811 PRINTER CONTROL UNIT COMPONENT DESCRIPTION AND OPERATOR'S GUIDE

The 3211 Printer, 3216 Interchangeable Train Cartridge and 3811 Printer Control Unit constitute a high-speed printer subsystem for attachment to System/360 and System/370 data processing systems via the System/360/370 Standard I/C Interface. This reference publication is intended for:

- o System planners who require information about features, character sets, subsystem performance, forms and ribbons.
- o System programmers who use printer commands, status and sense information, and error-recovery procedures.
- o Operators who perform basic setup, operating, and error-recovery procedures.

A basic knowledge of System/360/370 is assumed. The manual is organized into three sections:

- o Subsystem Components describes the subsystem features, available character sets, and performance characteristics.
- o Programming Information describes valid subsystem commands and available status and sense bytes, and provides buffer loading and suggested error recovery procedures.
- o Operating Information describes the subsystem keys, indicators, and controls, and provides procedures for initial setup, running, and error recovery.

Appendices contain reference information, such as an EBCDIC chart, for all users. The following publications are referenced for additional forms requirements and ribbon recommendation information:

Form Design Reference Guide for Printers, GA24-3488

System/360 and System/370 Component Description and Operating Procedures: IBM 1287 Optical Reader, GA21-9064

System/360 and System/370 Component Description and Operating Procedures: IBM 1288 Optical Page Reader,

GA24-3474

IBM 1050 DATA COMMUNICATION SYSTEM PRINCIPLES OF OPERATION

This reference publication provides a complete description of the operating principles of this IBM Tele-processing system. The functional characteristics of the system and of each component is discussed in detail. Additional information, pertaining to the overall system and World Trade considerations, are provided in the appendix.

Systems Reference Library Manual, 90 pages
//09//1050,1051,1058,1052,1053,1054,1055,1056/

GA24-3488

FORM DESIGN REFERENCE GUIDE FOR PRINTERS

This publication contains information to be considered by personnel designing, ordering, or using forms for the system printers listed below.

This manual has two sections: general forms-design information applicable to system printers, and specific information (Appendix) for particular printers. The general information relates to items such as form length, width, weight, fastenings, and other forms-related items that must be considered and/or met when forms are designed for system printers. The specifications are not intended to be restrictive, but to permit the customer to purchase continuous forms from the manufacturers of his choice.

For detailed information on forms feeding and operating procedures, see the appropriate component description and operating procedures manuals for the particular printer or system.

- o Companion publications useful in designing forms are:
- o OCR Input Preparation Guide, Order No. GC20-1686

Model 1, GA21-9081

Paper and Print Quality Requirements for IBM 1270 and 1275 Optical Reader Sorters, GA19-0036

IBM System/360 Component Description: IBM 1270 Optical Reader Sorter, GA19-0035

IBM System/360 Component Description: IBM 1275 Optical Reader Sorter, GA19-0034

The following publications are referenced for additional PCB and OCS buffer loading information:

System/360 Operating System: Data Management for System Programmers, GC28-6550
DOS System Control and Service, GC24-5036
Manual, 70 pages
//03//3211,3811,3216/

GA24-3550

IBM 3215 CONSOLE PRINTER-KEYBOARD COMPONENT DESCRIPTION

This reference publication describes the functions and operation of the IBM 3215 Console Printer-Keyboard. This information is intended for those planning for and operating an IBM System/370 Models 135, 145, and 155. Presented are the printing method, control keys and lights, functional timing, forms controls and specifications, and make-ready procedures.

For system operation (including programming and operating procedures), refer to the IBM System/370 Bibliography (GC20-0001), for the functional Characteristics and Operating Procedures manuals for the particular system and model.
Manual, 8-1/2 x 11 inches, 18 pages
//01//3215/

GA24-3552

IBM 3210 CONSOLE PRINTER-KEYBOARDS COMPONENT DESCRIPTION

This manual is intended as an introduction to the IBM 3210 (Models 1 and 2) Console Printer-Keyboards. The 3210's are described according to the way in which they operate with IBM System/370's.

A description of the physical and functional characteristics of the IBM 3210's is contained in this manual. The purpose of all control keys and indicator lights, supplementing the keyboard, is included.

Because the 3210 Model 2 is a standalone I/O unit, the assigned functions of the control keys and indicator lights described here may vary according to the particular requirements of another system.

A section describing "Operator's Procedures" contains the following:

1. Forms insertion procedure
2. Platen removal and replacement

For additional information on forms specifications refer to "Form Design Reference Guide for Printers", GA24-3488.

For additional information on 3210 operating procedures, refer to the IBM System/370 Model 145 Operating Procedures, GC38-0015.
Manual, 10 pages
//01//3210/

GA24-3557

IBM SYSTEM/370 MODEL 145 FUNCTIONAL CHARACTERISTICS

This publication describes the relationship of the Model 145 to other System/370 models and to System/360. Included is information concerning the system features and capabilities, console file, input/output channels, integrated file adapter, OS/DOS compatibility, IBM 1401, 1440, 1460, 1410, and 7010 emulation features, console printer-keyboard, additional instructions, and instruction timings.

The following IBM manuals offer information to assist the reader:

SYSTEM/370 MODEL 145 OPERATING PROCEDURES, GA24-3554.
SYSTEM/370 PRINCIPLES OF OPERATION, GA22-7000.
SYSTEM/370 SYSTEM SUMMARY, GA22-7001.
SYSTEM/370 INPUT/OUTPUT CONFIGURATOR, GA22-7002.
SYSTEM/360/370 BIBLIOGRAPHY, GA22-6822.
SYSTEM/360 PRINCIPLES OF OPERATION, GA22-6821.
SYSTEM/360 COMPONENT DESCRIPTIONS,
IBM 2314 DIRECT ACCESS STORAGE FACILITY AND
IBM 2844 AUXILIARY STORAGE CONTROL, GA26-3599.
SYSTEM/360 DIRECT CONTROL AND EXTERNAL INTERRUPT
FEATURE, ORIGINAL EQUIPMENT MANUFACTURERS' INFORMATION,
GA22-6845.
SYSTEM/360 OS PROGRAM PLANNING GUIDE FOR THE DOS
EMULATOR ON THE SYSTEM/370, GC24-5076.

3210 CONSOLE PRINTER-KEYBOARD MODEL 2 COMPONENT DESCRIPTION, GA24-3552.

3215 CONSOLE PRINTER-KEYBOARD MODEL 1 COMPONENT DESCRIPTION, GA24-3550.

FORMS DESIGN CONSIDERATIONS--SYSTEM PRINTERS, GA24-3488.
Manual, 84 pages, 8-1/2 x 11
3145//01//

GA24-3561

IBM 1925 MODEL 18 INTERFACE SWITCH UNIT RFG 811301
INSTALLATION MANUAL--PHYSICAL PLANNING

This publication provides physical planning information for the IBM 1925 Model 18 Interface Switch Unit used with the IBM System/360 and the IBM System/370. Included are physical specifications and cable, electrical, and environmental requirements.

For a list of related publications and abstracts, see the IBM SYSTEM/360 AND SYSTEM/370 BIBLIOGRAPHY, GA22-6822. Installation Planning Guide, 8-1/2 x 11 inches, 8 pages
//15//1925/

GA24-3562

IBM 2911 MODEL 14 INTERFACE SWITCH UNIT RFG 811503
INSTALLATION MANUAL--PHYSICAL PLANNING

This publication provides physical planning information for the IBM 2911 Model 14 Interface Switch Unit used with the IBM System/360 and the IBM System/370. Included are physical specifications and cable, electrical, and environmental requirements.

For a list of related publications and abstracts, see the IBM SYSTEM/360 AND SYSTEM/370 BIBLIOGRAPHY, GA22-6822. Installation Planning Guide, 8-1/2 x 11 inches, 8 pages
//15//2911/

GA24-3566

IBM 1972 MODEL 3 PRODUCTION TERMINAL
IBM 1972 MODEL 4 INSTRUCTION CONSOLE INSTALLATION MANUAL
PHYSICAL PLANNING COMPONENT DESCRIPTION

This manual contains physical planning information and component descriptions for the IBM 1972 Model 3 Production Terminal and the IBM 1972 Model 4 Instruction Console. The specific topics covered include:

- o Power Requirements
- o Environmental Considerations
- o Interface Considerations
- o Floor Area and Loading Considerations
- o Servicing and Access Requirements
- o Safety Considerations
- o Transportation Requirements
- o Physical Characteristics

The manual is intended to assist users in their work station production planning and in preparation of installation areas prior to delivery of the units.
Physical Planning, Component Description Manual
//15//1972/

GA24-3573

IBM SYSTEM/370 MODEL 145 CHANNEL CHARACTERISTICS

This publication describes methods used to calculate System/370 Model 145 data-handling capabilities that are dependent upon I/C-channel configurations and operations. Considerations of methods are also presented for priority attachment of I/O devices for maximum throughput.

Information related to specific I/O devices is in separate Systems Reference Library publications. These publications are listed by order number and briefly described in IBM SYSTEM/360 AND SYSTEM/370 BIBLIOGRAPHY (GA22-6822).

This manual is intended for users at the system programmer level; it assumes a thorough background in I/O programming techniques.
Manual, 72 pages
3145//01//

GA24-3590

IBM 1972 MODEL 3 PRODUCTION TERMINAL 1972 MODEL 4
INSTRUCTION CONSOLE OPERATOR'S GUIDE

This manual contains information for operating the IBM 1972 Model 3 Production Terminal and the IBM 1972 Model 4 Instruction Console. The specific operating information includes:

- o Functional description of operating controls
- o Information on preparing, programming, punching, and splicing perforated tapes
- o Instructions for loading perforated tape in production terminal and for operating the production terminal.

This information is presented to aid the user in the operation of the production terminal and the instruction console and in the preparation of perforated tapes for use on the production terminal.
Operator's Guide 8-1/2 x 11 inches, 34 pages
//14//1972/

GA24-3594

IBM EMULATOR FOR RCA 301 ON SYSTEM/370 USING DCS AND ECS/VS
PLANNING GUIDE - PROGRAM NUMBER 5799-ACR

This publication describes the IBM Emulator for RCA 301, an integrated emulator program, for the IBM System/370 Models 135 and 145. Also provided are introductory and planning information for management and planning personnel.

The emulator is a problem program that operates in either a batched-job foreground or the background partition under control of the IBM Disk Operating System (DOS) or the IBM Disk Operating System/Virtual Storage (DCS/VS). The emulator uses the System/370 standard instruction set, the RCA 301 Compatibility feature, and the data management facilities of ECS and ECS/VS to emulate the RCA 301

processor unit, input/output, and console operations.

Publications useful as reference material are:

IBM System/360 Principles of Operation, Order No.

GA22-6821.

IBM System/370 Principles of Operation, Order No.

GA22-7000.

For information about the Disk Operating System, refer to:

System/360 and System/370 Bibliography, Order No.

GA22-6822.

Manual, 28 pages

////5799-ADR

GA24-3595

IBM EMULATOR FOR HONEYWELL SERIES 200 ON SYSTEM/370 USING

DOS AND DOS/VS (PRPQ): PLANNING GUIDE, PROG. NO. 5799-ADT

This publication describes the IBM Emulator for Honeywell Series 200, an integrated emulator program, for the IBM System/370 Models 135 and 145. This publication also provides introductory and planning information for management and planning personnel.

The emulator is a problem program that operates in either a batched-job foreground or the background partition under control of the IBM Disk Operating System (DOS), or the IBM Disk Operating System/Virtual Storage (DOS/VS). The emulator uses the system/370 standard instruction set, a Honeywell Series 200 Compatibility feature, and the data management facilities of DOS or DOS/VS to emulate the Honeywell Series 200 processor unit, input/output, and console operations.

Publications useful as reference material are:

IBM System/360 Principles of Operation, Order No.

GA22-6821.

IBM System/370 Principles of Operation, Order No.

GA22-7000.

For information about the Disk Operating System, refer to:

System/360 and System/370 Bibliography, Order No.

GA22-6822.

Manual, 28 pages

////5799-ADT

GA24-3604

EMULATOR FOR HONEYWELL SERIES 200 ON SYSTEM/370 USING DOS

AND DOS/VS (PRPQ), PROG. NO. 5799-ADT

This publication describes the IBM Emulator for Honeywell Series 200, an integrated emulator program, for IBM System/370 Models 135 and 145. It provides planning, implementation, and operating information for managers, programmers, and operators.

The emulator is a problem program that operates in either a batched-job foreground or the background partition under control of the IBM Disk Operating System (DOS). The emulator uses the System/370 standard instruction set, the Honeywell Series 200 Compatibility Feature, and the data management facilities of DOS to emulate the Honeywell Series 200 processor unit, input/output, and console operations.

Manual, 50 pages

////5799-ADT

GA24-3605

IBM EMULATOR MANUAL FOR RCA 301 ON SYSTEM/370

USING DOS & DOS/VS, PROG. NO. 5799-ADR

This manual describes the IBM Emulator for RCA 301, an integrated emulator program, for the IBM System/370 Models 135 and 145. Also provided are planning, implementation, and operating information for management and planning personnel.

The emulator is a problem program that operates in either a batched-job foreground or the background partition under control of the IBM System/370 Disk Operating System (DOS) or the IBM Disk Operating System/Virtual Storage (DOS/VS). In this manual the term "DOS" is used unless it is necessary to distinguish between DOS and DOS/VS. The emulator uses the System/370 standard instruction set, the RCA 301 Compatibility Feature, and the Data Management facilities of the Disk Operating System to emulate the RCA 301 processor unit, input/output, and console operations.

Manual, 108 pages

////5799-ADR

GA24-3612

IBM 3890 DOCUMENT PROCESSOR MACHINE AND PROGRAMMING

DESCRIPTION

Provides a comprehensive description of the IBM 3890 Document Processor for those persons doing systems analysis and planning, programmers, systems engineers, and customer engineers. The reader is assumed to have an understanding of bank data processing.

This publication provides in-depth descriptions of operating principles and procedures, basic and special features, programming support including detailed explanations of both data management and SCI macros with examples, sorting techniques with examples, diagnostic aids, the IBM Diskette drive, and all operating controls.

Manual, 160 pages

//04//3890/

GA24-3619

3890 DOCUMENT PROCESSOR OPERATOR'S GUIDE

This operator's manual contains information primarily for personnel operating the 3890 Document Processor Models A and B. No prior operating experience is necessary.

The operating information includes:

- A description of the 3890 by functional units (modules)
- A description of the special features
- The operator panel: keys, lights, and switches
- Machine operation: start, run, and stop conditions, and error recovery procedures
- Operator maintenance for optimum machine performance.

Operating information for related programming is not included.

For more detailed information, refer to IBM 3890 Document Processor, Machine and Programming Description, GA24-3612. Manual, 84 pages, (9/75)

//04//3890/

GA24-3620

IBM 3895 DOCUMENT READER/INSCRIBER - MACHINE AND PROGRAMMING

DESCRIPTION
This publication is a comprehensive description of the IBM 3895 Document Reader/Inscriber for system analysts, planners, programmers, system engineers, and customer engineers.

Included are descriptions of machine data flow, functions, operational principles, microfilm feature, programming information (DOS/VS, OS/VS1, CS/VS2 (MVS), OS/VS2 (SVS), and EXCP level support), and operating controls. The reader must have an understanding of bank data processing operations.

Manual, 8 1/2 x 11 inches, 100 pgs, 9/77

//04//3895/

GA24-3632

SYSTEM/370 MODEL 138 FUNCTIONAL CHARACTERISTICS

This publication describes the capabilities, features, input/output channels, integrated adapters and attachments, system console, and operations of the IBM System/370 Model 138. Also provided is information on program operating systems and compatibility features that are available with other systems and programs. The publication is intended for users and potential users, such as system analysts and programmers of the System/370 Model 138. The reader is assumed to have a working knowledge of IBM System/370 Principles of Operation, GA22-7000 and IBM System/370 System Summary, GA22-7001.

Manual, 105 pages, 5/76

3138//01//

GA24-3633

IBM SYSTEM/370 MODEL 138 CHANNEL CHARACTERISTICS

This manual provides information needed for checking that a proposed configuration of I/O devices on the channels of IBM System/370 Model 138 will work satisfactorily. The book is intended for use in systems assurance work at the planning stages.

Procedures with examples are given for testing the effects of imposing heavy loads on the Model 138 channels. The effects covered are: data overrun, loss of device performance, channel interference with the CPU, program overrun, and excessive channel utilization.

Additional but related topics covered in the book are: (1) priority sequence of devices on the byte-multiplexer channel (with examples that include the 1419 Magnetic Character Reader with expanded capability); (2) the effects of block-multiplexing on channel busy time and percentage channel utilization; and (3) channel programming conventions, upon which the validity of test procedures in the book is based.

Prerequisite Publications

The reader must be familiar with System/370 input/output operations as presented in:

IBM System/360 Principles of Operations, GA22-6821

IBM System/370 Principles of Operation, GA22-7000

IBM System/370 Model 138 Functional Characteristics, GA24-3632

IBM System/360 and System/370 Interface Channel Unit

Original Equipment Manufacturers Information, GA22-6974

For testing data overrun on the byte-multiplexer channel, the following special worksheet is required: IBM System/370 Models 135 and 138 Byte-Multiplexer Channel: Load Sum Worksheet, GX33-6004.

Manual, 8 1/2 x 11 inches, 116 pgs, 9/77

3138//01//

GA24-3634

SYSTEM/370 MODEL 148 FUNCTIONAL CHARACTERISTICS

This manual describes the characteristics and features of the Model 148. It provides experienced management, programmers, and operations personnel with a fundamental understanding of this model. Knowledge of System/370 as provided in the System/370 Principles of Operation, GA22-7000, is required. Only information of a particular concern to Model 148 users: the processing unit, storage, channels, system display console, features, and instruction timings.

Manual, 60 pages, 6/76

3148//01//

GA24-3635

IBM SYSTEM/370 MODEL 148 CHANNEL CHARACTERISTICS

This publication describes methods used to calculate System/370 Model 148 data handling capabilities that are

dependent upon I/O channel configurations and operations. Considerations of methods are also presented for priority attachment of I/O devices for maximum throughput. Information related to specific I/O devices is in separate Systems Library publications. These publications are listed by order number and briefly described in IBM System/370 Bibliography (GC20-0001).

This manual is intended for users at the system programmer level; it assumes a thorough background in I/O programming techniques.

Manual, 8 1/2 x 11 inches, 8/77
3148//01//

GA24-3638

IBM 3896 TAPE-DOCUMENT CONVERTER MACHINE DESCRIPTION AND OPERATOR'S GUIDE

This manual contains information describing the use, operation, and operator maintenance of the IBM 3896 Tape-Documents Converter. It is intended for the use of operations management and machine operators.

The introduction describes the machine functions, performance criteria, document criteria, and copy quality. This publication also contains operating procedures for conversion of tape listings, jam recovery, and operator maintenance. Machine operators normally require no prior converter (copier) experience when using this manual.

A section on legal information describes the legal aspects of copying certain documents. For additional information, refer to the IBM 3896 Tape-Documents Converter, Physical Planning, GA24-3643 and to the Systems Library manual, IBM 3895 Document Reader/Inscriber General Information, GA24-3645.
Manual, 36 pgs, 1/77
//04//3896/

GA24-3639

IBM 3838 ARRAY PROCESSOR FUNCTIONAL CHARACTERISTICS

This reference publication is intended for management, system programmers, and system operators who require information about the IBM 3838 Array Processor. This manual provides the user with information about system configuration, machine features, channel attachment, algorithms and array data format, and operator instructions.
Manual, 8 1/2 x 11 inches, 52 pages, 10/76
//08//3838/

GA24-3640

IBM 3895 DOCUMENT READER/INSCRIBER - INPUT DOCUMENT DESIGN GUIDELINES

This publication contains recommended document designs and detailed guidelines for designing and printing input media for the IBM 3895. The information in this publication is for the use of systems analysts, forms manufacturers, designers and printers, and banking personnel. A brief description of the 3895 is included to give the reader a basic understanding of its functional capabilities and requirements.

Related publications are:

- o IBM 3895 Document Reader/Inscriber - Machine and Programming Description.
- o IBM 3895 Document Reader/Inscriber - Input Document Designer and Printer Kit.

Manual, 52 pgs, 3/77
//04//3895/

GA24-3656

IBM 3890 DOCUMENT PROCESSOR MODELS C AND D OPERATOR'S GUIDE

This reference manual contains information necessary to operate the IBM 3890 Document Processor Models C and D including the following optional features:
Item Numbering/Endorsing and Microfilming. The specific operating information includes: A brief description of the standard machine and available optional features, operating controls (keys, lights, and switches), machine operation (document loading and unloading, film loading and unloading), error conditions and recovery procedures, and operator maintenance.

This publication is intended for machine operators and those persons required to operate and control the IBM 3890. No prior operating experience is necessary, but is helpful. A feature of the manual is removable pages containing information to be used with the operator run book.

Operating information for related programming is not included. For more detailed information, refer to IBM 3890 Document Processor Machine and Programming Description, Order No. GA24-3612.
Manual, 100 pgs, 2/77
//04//3890/

GA24-3663

MAGNETIC HAND SCANNER - MAGNETIC SLOT READER REPLACEMENT PROCEDURES

Both the IBM Magnetic Band Scanner (MBS) and the IBM Magnetic Slot Reader (MSR) read encoded magnetic-striped documents. These two accessories differ in general appearance and method of operation, but their internal design and construction are sufficiently similar to allow a common set of procedures for problem determination and repair.

The MBS and MSR attach to several types of IBM terminals. Each of these terminals has problem

determination procedures (FDP) that should be used with this publication when isolating and repairing scanning failures.

A plastic magnetic test stripe for isolating a failure is supplied with each terminal to which the MBS/MSR can be attached. The test stripe should be kept in the clear plastic envelope in which it is supplied, near the MBS/MSR. The FDPs for each terminal describe the use of the test stripe.

Replacement procedures, 4 1/4 x 5 1/2 inches, 16 pages, 10/78
//13//3641,3643,3646,3276,3278/

GA24-3664

IBM 3895 DOCUMENT READER/INSCRIBER OPERATOR'S GUIDE

This publication describes the functions, operating procedures, and operator maintenance of the 3895.

It is intended for the use of bank data processing operations management and machine operators.

There are no prerequisites for the use of this manual.
Manual, 8 1/2 x 11 inches, 50 pages, 10/77
//04//3895/

GA24-3667

4300 PROCESSORS PHYSICAL PLANNING

This manual contains information for preparing the site for the installation of the IBM 4300 Processors. Included are:
1. Information on floor planning, electrical, environmental, and structural requirements.
2. Detailed specifications and cabling information for each of the 4300 Processors.
3. An index of 4300 Processors physical planning templates.
4. A checklist to be used as an aid in the installation planning and scheduling.

Note: This manual is intended for use with the companion manual IBM Input/Output Equipment Installation Manual Physical Planning for System/360, System/370, and 4300 Processors, Order No. GC22-7064.
Manual, 8 1/2 x 11 inches, 52 pages, 1/79
4331,4341//15//

GA24-3672

4341 PROCESSOR FUNCTIONAL CHARACTERISTICS AND PROCESSOR COMPLEX CONFIGURATOR

This reference publication is for system analysts and programmers who require information about processor features, input/output characteristics, timing, machine instructions and functions of the integrated I/C devices.

The reader is assumed to have a working knowledge of the IBM 4300 Processors Principles of Operation for ECOS:VSE Mode, Order No. GA22-7070, and to have had programming experience with System/360, System/370, or other 4300 Processors.

Prerequisite publications: IBM 4300 Processors and Input/Output and Data Communications Equipment Configurator, GA33-1523 IBM System/370 Principles of Operation, GA22-7000.
Manual, 8 1/2 x 11 inches, 56 pages, 1/79
4341//01//

GA24-3680

IBM 3642 ENCODER PRINTER, OPERATING GUIDE

This publication contains descriptive, operating, problem determination, and setup information for the IBM 3642 Encoder Printer used on the IBM 3630 Plant Communication System.

The IBM 3642 Encoder Printer is an output device that can encode and/or print on magnetic striped documents.

This information is useful to customer and service personnel responsible for developing applications and the resulting operating procedures, problem determination, and setup of the IBM 3642.
Manual, 44 pages, 6/78
//09//3642/

GA24-3686

IBM 3896 TAPE-DOCUMENT CONVERTER COPY QUALITY GUIDE

This manual is a convenient reference guide for 3896 operators that have little experience in determining the quality (machine readability) of tape copy tickets produced on the 3896. Use this manual in conjunction with the IBM 3896 Tape Document Converter Copy Samples (SX24-3690).
Manual, 8 1/2 x 11 inches, 8 pages, 4/78
//04//3896/

GA24-3716

IBM 3838 ARRAY PROCESSOR RESERVOIR MODELING FUNCTIONAL CHARACTERISTICS AND PROGRAMMING GUIDE

Provides information required by applications and system programmers to construct reservoir modeling programs running under the MVS Vector Processing Subsystem.

Section 1: Functional Characteristics describes the mathematics and processing performed by each algorithm and the way it references data in bulk storage.

Section 2: Programming Guide presents an overview of the data formats supported by the Reservoir Modeling Set and a description of the general VPSS CALL and CIT formats unique to these algorithms. Section 2 also provides information for each algorithm, such as op code, mnemonic, call statement, options, CIT entry length, special parameter considerations, array parameter table, array description, and CIT format.

Prerequisite publications:

- IBM 3838 Array Processor, Functional Characteristics, order number GA24-3639
- OS/VS1 and OS/VS2 MVS Vector Processing Subsystem, Programmers Guide, GC24-5125
- IBM System/370 Principles of Operation, GA22-7000. Manual, 136 pages, 9/78 //08//3838/

GA26-1589

COMPONENT SUMMARY-2835 STORAGE CONTROL
2305 FIXED HEAD STORAGE

The 2835 Storage Control and 2305 Fixed Head Storage Module form a large capacity, high speed direct access storage facility for general purpose data storage and system residence. It attaches to the central processing unit through a block multiplexor channel, and operates under direct program control of the CPU.

For experienced programmers, this manual provides readily accessible reference material related to channel command words, sense bytes, track format, track capacities, and error recovery.

Less experienced programmers will find sufficient information to create channel programs to best utilize the standard and special features of the facility.

A complete description of the switches and indicators is provided for systems installation operators.

Programmers should be familiar with the information contained in IBM System/360 Principles of Operation, Order Number GA22-6821 and IBM System/370 Principles of Operation Order Number GA22-7000. Operators should be familiar with the material presented in the system summary for the parent system.

Component Summary, 20 pages
//07//2835,2305/

GA26-1592

REFERENCE MANUAL FOR IBM 3830 STORAGE CONTROL AND IBM 3330 DISK STORAGE

For experienced programmers, this manual provides readily accessible reference material related to channel command words, sense bytes, track format, track capacities, and error recovery. Less experienced programmers will find sufficient information to create channel programs to best utilize the standard and special features of the 3830/3330 facility. A complete description of the switches and indicators, and procedures for loading and unloading disk packs is provided for systems installation operators.

Programmers should be familiar with the information contained in IBM System/360 Principles of Operation, Order No. GA22-0621, and IBM System/370 Principles of Operation, Order No. GA22-7000. Operators should be familiar with the material presented in the system summary for the parent system. Order numbers for system summary and other related publications can be found in IBM System/360 and System/370 Bibliography, Order No. GA22-6822.

Manual, 100 pages
//07//3830,3330/

GA26-1599

IBM 2730 MODEL 1 TRANSACTION VALIDATION TERMINAL, IBM 2968 MODEL 9 AND MODEL 12 RECEIVER-TERMINAL CONTROL UNIT

The IBM 2730 Model 1 Transaction Validation Terminal, IBM 2968 Model 9 and IBM 2968 Model 12 Receiver-Terminal Control Unit are part of an on-line credit authorization system. This manual describes the function of these devices in the system configuration, and provides typical operating procedures for the 2730 Model 1 and its acoustic coupler. The Appendix contains specifications for magnetic stripe credit cards.

A basic knowledge of data processing, including teleprocessing, is required to understand the material presented in this manual.

Manual, 16 pages
//14//2968,2730/

GA26-1600

2730 MODEL 1, 2968 MODEL 9, AND 2968 MODEL 12: INSTALLATION MANUAL - PHYSICAL PLANNING

This publication provides physical planning information for the IBM 2730-1 Transaction Validation Terminal, IBM 2968-9 Receiver-Terminal Control Unit (RPQ 831624), and IBM 2968-12 Receiver-Terminal Control Unit (RPQ 834654). Included are physical specifications and cable, electrical, and environmental requirements.

Manual, 8-1/2 x 11 inches, 12 pages
//15//2730,2968/

GA26-1606

IBM 2319 DISK STORAGE - A-SERIES, COMPONENT DESCRIPTION

This manual contains basic information about the IBM 2319 Disk Storage Models A1 and A2. Model A1 is designed for attachment to IBM System/370 via the Integrated File Adapter (IFA) feature.

The IBM 2319 Models B1 and B2 are described in the publication IBM SYSTEM/360 COMPONENT DESCRIPTIONS--2314 DIRECT ACCESS STORAGE FACILITY AND 2844 AUXILIARY STORAGE CONTROL, Order No. GA26-3599, with which the reader should be familiar.

Systems Reference Library Manual, 30 pages
//07//2319/

GA26-1615

INTRODUCTION IBM 3330 A-SERIES DISK STORAGE - SYSTEM LIBRARY

This manual is intended for readers having prior knowledge of direct access storage devices and concepts. Major topics are: standard and special features, I/O operations, and operators panel.

Manual, 14 pages
//07//3330,3333/

GA26-1617

REFERENCE MANUAL FOR IBM 3830 STORAGE CONTROL MODEL 2

This manual is intended for readers having prior knowledge of direct access storage devices and concepts. Major topics are: standard and special features, I/C operations, and the operator panel.

Manual, 12 pages
//07//3830/

GA26-1619

IBM 3340 COMPONENT SUMMARY

This manual is intended to familiarize experienced data processing personnel with the characteristics of the IBM 3340 Disk Storage. (The reader should have prior knowledge of direct-access storage devices and concepts.)

It lists functional characteristics and discusses record format, capacity, and timing characteristics. It also lists all commands executed by the 3340 and suggested operating instructions.

Manual, 14 pages
370//07//3340,3344/

GA26-1620

REFERENCE MANUAL FOR IBM INTEGRATED STORAGE CONTROL

This manual is intended primarily for programmers and operators. It provides reference material on channel command words, sense bytes, error recovery procedures, special features, operator controls, and the usage meter.

Manual, 90 pages
3148,3145,3158,3168//13//3345,3333,3330,3340,3344,3350/

GA26-1621

INSTALLATION MANUAL PHYSICAL PLANNING IBM 2984 MODEL 1 CASH ISSUING TERMINAL REC 834660

This manual contains technical information, recommendations, and suggestions to be used in installing the IBM 2984-1 Cash Issuing Terminal. Included are physical specifications, cable, electrical, and environmental requirements. The customer should arrange for professional assistance in planning his installation, if necessary, to ensure that local and national codes are met.

It is assumed that the customer has both a system (CFU) and a transmission control unit (2701, 2703, or equivalent) either installed or to be installed.

The following publications provide necessary additional information:

- o IBM System/360 Installation Manual Physical Planning, GC22-6820
- o IBM System/370 Installation Manual Physical Planning, GA22-7004

Manual, 8 pages
//15//2984/

GA26-1625

IBM 3348 DATA MODULE HANDLING PROCEDURES

This manual is a guide for handling the IBM 3348 Data Module. It is intended for personnel who operate the 3340 Disk Storage. Except for being familiar with the 3340 Disk Storage, operating personnel need no other prerequisites. The following topics are covered: Introduction, General Handling Procedure, Storage, Receiving and Shipping, Labeling, and Operating Instructions.

Manual, 16 pages
370//07//3348,3340/

GA26-1630

IBM 3330 SERIES DISK STORAGE MODEL 1 TO MODEL 11 (ELEVEN) CUSTOMER CONVERSION GUIDE

This manual is intended to guide the IBM customer in planning a field conversion of the 3330 Series Disk Storage Model 1 to a 3330 Series Disk Storage Model 11. This manual is organized into two distinct categories: hardware and programming considerations. The hardware considerations cover topics concerning bills of material; power and cabling requirements; configuration requisites; and conversion times.

The program considerations define programming support and lists available programs. Also included are procedures for making programming updates to provide for the 3330 Model 11 (ELEVEN).

Manual, 20 pages
370//07//3330/

GA26-1632

IBM 3340 DISK STORAGE - FIXED HEAD FEATURE USERS GUIDE

The manual describes the IBM 3340 Disk Storage Fixed Head Feature. It is intended to provide system and application information to guide systems analysts and experienced programmers in installing and using the fixed-head feature.

Note: The manual serves as the central information

document for current supporting releases and thus fully describes the fixed-head feature and all anticipated restrictions for those systems.

The material presented requires that users be familiar with data management concepts as they apply in OS and DOS virtual storage programming systems and to have a working knowledge of Job Control Language (JCL) coding.
Manual, 16 pages
370//13//1140/

GA26-1633

FORMS DESIGN REFERENCE GUIDE FOR THE IBM 3800 PRINTING SUBSYSTEM.

This publication contains instructions for preparation of forms overlays for the IBM 3800 Printing Subsystem. Included are paper considerations, printer capability, preprinted forms, paper storage requirements, and photo negative specifications. Print charts and overlay master illustrations are included together with tables showing the print character capacities of all common use and ISO paper sizes.

A companion publication with additional information useful for the forms designer is: Introducing the IBM Printing Subsystem and its Programming, Order No. GC26-3829.
Manual, 50 pages
//03//3800/

GA26-1634

IBM 3800 PRINTING SUBSYSTEM OPERATORS GUIDE

This publication provides operating instructions for the IBM 3800 Printing Subsystem. These instructions include descriptions of the controls, switches, and indicators used for initial setup, running, and error recovery. This publication is written as a reference for the working operator who has received training in the 3800 printer operation. It is assumed that the user of this manual has a basic knowledge of printer I/O operation. It is not intended to be a self-study text. The publication is intended for the operators who will perform the basic setup, operation, error recovery, and cleaning tasks associated with the 3800.

Manual, 114 pages, 7/76
//03//3800/

GA26-1635

REFERENCE MANUAL FOR THE IBM 3800 PRINTING SUBSYSTEM

This manual provides information on the functions and features of the IBM 3800 Printing Subsystem relating to channel commands, sense bytes, and error detection, recovery, and recording. In addition, specific information and examples are given of copy modification and control, and graphic character modification.

The manual is intended for use by systems analysts, installation managers, systems programmers, and other personnel requiring 3800 reference information.
Manual, 105 pages 7/76
//03//3800/

GA26-1638

IBM 3350 DIRECT ACCESS STORAGE REFERENCE MANUAL

Intended for experienced data processing personnel, this publication describes the characteristics, formats, features, commands, and compatibility modes of the IBM 3350 Direct Access Storage Subsystem.

Manual, 47 pages
//07//3350/

GA26-1646

3800 PRINTING SUBSYSTEM REFERENCE: OCR DOCUMENT PREPARATION

This manual provides supplemental Optical Character Recognition (OCR) information for systems analysts, forms designers, programmers, and operators. The manual is intended for use in OCR document preparation with the IBM 3800 Printing Subsystem and the IBM 1287/1288, and 3886 Optical Character Readers. Most of the existing OCR manuals contain information that is generally applicable except for some differences which are listed in this manual. Prerequisite knowledge of optical readers and forms design is assumed for users of this manual.

Manual, 16 pgs, 9/76
//03//3800/

GA26-1647

3803-3/3420-3, 5 MAGNETIC TAPE SUBSYSTEM

This manual contains a description of the 3803-3/3420 attachment to IBM System/370 Models 115 and 125. For programmers and operators, this manual contains commands, sense and status bytes, procedures for loading and unloading tape, controls and indicators, and error recovery procedures.

Manual, 60 pgs
3115,3125//05//3803,3420/

GA26-1653

INTRODUCING THE IBM 3800 TAPE-TO-PRINTING SUBSYSTEM FEATURE AND ITS UTILITY, PROG PROD 5748-UT2

This publication provides introductory information for prospective users of the Tape-to-Printing Subsystem Feature and the Offline IBM 3800 Utility for the IBM 3800 Printing

Subsystem. The intended audience is data processing managers and system analysts planning for these 3800 features, and others seeking initial information about the features. The information is presented in general terms and assumes that the reader understands the basic functions of the 3800 printer and either the 3410/3411 or the 3803/3425 magnetic tape subsystem. This publication has three main sections: (1) Introduction, briefly describes the features; (2) Tape-to-Printing Subsystem Feature, contains a brief description of the printer, tape units, configuration, and tape formats; (3) Offline IBM 3800 Utility, briefly describes the program product which includes storage requirements and operating considerations. A glossary is also included.

Manual, 8 1/2 x 11 inches, 16 pgs, 6/77
//13//3800/

GA26-1654

OPERATOR/REFERENCE MANUAL FOR THE IBM 3800 TAPE-TO-PRINTER SUBSYSTEM FEATURE

This publication provides information about the IBM 3800 Tape-to-Printer subsystem feature for operators and programmers. The operator instructions include descriptions of the controls, switches, indicators, and selection of the printing options for initial setup, running, and error recovery. Examples are provided for the typical tape-to-printer operating modes. Programming related information consists of channel commands, sense bytes and status, error detection, recovery, and recording, which are associated with tape-to-printer operation.

Also provided is a section that describes tape formats, which includes information concerning labels, control and data fields, and record lengths. Performance considerations for maintaining maximum throughput are defined and illustrated by an example calculation.

This publication is intended as a reference for operators who have received training in tape-to-printer operation and for system analysts, and system programmers. It assumes that users understand the basic functions of the 3800 printer and either the 3410/3411 or the 3803/3420 Magnetic tape subsystem and the steps involved in preparing magnetic tape files.

Manual, 8 1/2 x 11 inches, 90 pgs, 12/77
//13//3800/

GA26-1656

IBM 3800 PRINTING SUBSYSTEM CHARACTER SET CATALOG

This character set catalog provides a graphic representation of each character contained in every character set available with the IBM 3800 Printing Subsystem.

This catalog is intended for system programmers, application programmers, or other persons responsible for designing or modifying characters to be used by the 3800 printer as defined in the reference manual or programmer's guides. See related publications for manual titles and order numbers.

Manual, 8 1/2 x 11 inches, 150 pages, 12/77
//03//3800/

GA26-1657

INTRODUCTION TO IBM 3370 DIRECT ACCESS STORAGE

This publication is intended to familiarize data processing personnel with the characteristics of IBM 3370 Direct Access Storage. The manual describes the 3370 storage, the recording medium, operator controls and indicators, the fixed block data format and list of its' commands, and the methods used to ensure data integrity and privacy.

Manual, 16 pages, 1/79
4331,4341//07//3370/

GA26-1659

IBM 8809 MAGNETIC TAPE UNIT INTRODUCTION

This manual contains general information to introduce the reader to a new tape product, the IBM 8809. It includes general descriptions of the operations that the 8809 executes, and of its performance characteristics. The 8809 can be attached to an IBM 8100 Information System. The manual is intended for IBM sales representatives and customers.

Manual, 8 1/2 x 11 inches, 16 pages, 1/79
//05//8809/

GA26-1660

3310 DIRECT ACCESS STORAGE REFERENCE MANUAL

The purpose of the manual is to enable data processing personnel to become familiar with the characteristics of IBM 3310 Direct Access Storage Device. The manual lists the functional characteristics, describes the data format, storage capacity, and data transfer between the 3310 and the using system.

Manual, 72 pages
4331//07//3310/

GA26-1661

INTRODUCTION TO IBM 3880 STORAGE CONTROL

This manual introduces the IBM 3880 Storage Control. The audience comprises executives, system analysts, and sales personnel.

The 3880 is used to attach high speed direct access disk storage to the host system. It interprets and executes commands from the channel to which it is attached, furnishes

status to the system, and controls the channel and disk storage interfaces.
Manual, 8 1/2 x 11 inches, 12 pages, 1/79
4341//07//3880/

GA26-3599

IBM SYSTEM/360 COMPONENT DESCRIPTIONS - 2314 DIRECT ACCESS STORAGE FACILITY AND 2844 AUXILIARY STORAGE CONTROL
This publication describes the IBM 2314 Direct Access Storage Facility and the IBM 2844 Auxiliary Storage Control, and presents functional and operating characteristics for these devices. Capacities, timing considerations, commands, operating procedures, and sense and status information are described. The user of this publication should be thoroughly familiar with the I/O programming considerations described in IBM System/360 Principles of Operation, Order Number GA22-6821.
Systems Reference Library Manual, 76 pages
//07//2314,2844/

GA26-3633

DATA CELL HANDLING GUIDE
This manual provides suggested operating and handling procedures for the IBM 3021 Data Cell used with the IBM 2321 Data Cell Drive.
Systems Reference Library Manual, 20 pages
//07//2321,3021/

GA26-5756

IBM DISK PACK AND CARTRIDGE HANDLING PROCEDURES
This manual is a guide for handling IBM Disk Packs and cartridges. Included are procedures for shipping and receiving, installation and removal, labeling of disks and cartridges and general operating procedures.
The information contained in this manual applies to IBM 1316, 2316, and 3336 Disk Packs, and 2315 Disk cartridges.
Manual, 16 pages
//07//2316,1316,2315,3336/

GA26-5893

IBM 2560 MULTI-FUNCTION CARD MACHINE: COMPONENT DESCRIPTION AND OPERATING PROCEDURES
This publication describes the operating principles and features of the IBM 2560 Multi-Function Card Machine (MFCM). Descriptions of the programmed operations, indicators, and operator's console are included. Since this device is natively attached, you should have a thorough understanding of the using system before using this manual. The book is intended for system engineers, programmers, and operators.
The 2560 is compared with conventional card equipment in file-updating operations. In addition to descriptions and flowcharts of these operations, tables are provided for a ready comparison of the operational steps, card volumes, and running times of the two systems.
Restart procedures for a particular type of program (RPG, IOCS, etc.) are covered in the operating procedures manual associated with the particular program and using system.
Manual
2020,2025,3115,5415,3125//02//2560/

GA26-5988

IBM SYSTEM/360 COMPONENT DESCRIPTIONS--2841 AND ASSOCIATED DASD
This publication contains reference information for the operation and programming of storage devices which attach to the IBM 2841 Storage Control. These storage devices include the IBM 2311 Disk Storage Drive, Model 1; the IBM 2302 Disk Storage, Models 3 and 4; and IBM 2321 Data Cell Drive; and the IBM 2303 Drum Storage.
Manual, 64 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA27-2700

IBM SYSTEM/360 COMPONENT DESCRIPTION: IBM 2260 DISPLAY STATION IBM 2848 DISPLAY CONTROL
This manual describes the functional and operating characteristics of the IBM 2260 Display Station and the IBM 2848 Display Control Unit.
The reader needs a general understanding of computers and their applications; however, knowledge of teleprocessing principles and programs is required by those who install communications terminals.
Systems Reference Library, 84 pages
//06//2260,2848/

GA27-2701

IBM SYSTEM/360 COMPONENT DESCRIPTION IBM 2250 DISPLAY UNIT MODEL 1
This publication contains detailed information on programming, operation, and special features of the IBM 2250 Display Unit Model 1. The material is presented with the assumption that the reader has read the IBM SYSTEM/360 Principles of Operation Manual, Order Number GA22-6821.
Systems Reference Library Manual, 44 pages
//06//2250/

GA27-2702

IBM SYSTEM/360 COMPONENT DESCRIPTION IBM 2250 DISPLAY UNIT MODEL 2 IBM 2840 DISPLAY CONTROL MODEL 1
This document presents detailed information about IBM 2250 Display Unit Model 2/IBM 2840 Display Control Model 1 programming, operation, and special features. The material is presented with the assumption that the reader has read the IBM System/360 Principles of Operation Manual, Order Number GA22-6821.
Systems Reference Library Manual, 52 pages
//06//2250,2840/

GA27-2703

IBM 2703 TRANSMISSION CONTROL COMPONENT DESCRIPTION
This publication provides a detailed description of the capabilities, features, and communication facilities required for the IBM 2703 Transmission Control Unit. The capabilities of the unit are grouped by: start-stop capabilities; and binary-synchronous capabilities. All items of a general nature are discussed in the section, "Detailed Description of Operations".
The operator's controls and a detailed description of the communication facilities to which the 2703 can be attached are contained in the Appendix.
System Reference Library Manual, 78 pages
//09//2703/

GA27-2704

IBM SYSTEM/360 COMPONENT DESCRIPTION IBM 2711 LINE ADAPTER UNIT
This manual describes the operation of the IBM 2711 Line Adapter Unit. Included is a general description of the 2711, the line adapters that can be contained in a 2711, the communication facilities that can be used with the 2711, and the operator tests that can be performed to isolate equipment malfunctions.
Systems Reference Library Manual, 12 pages
//09//2711/

GA27-2712

COMPONENT DESCRIPTION: IBM 7770 AUDIO RESPONSE UNIT MODEL 3
This publication describes the functional and operational characteristics of the IBM 7770 Audio Response Unit (Models 3). Topics discussed include vocabulary selection, communications requirements, system attachment considerations, and programming considerations.
Systems Reference Library Manual, 48 pages
//09//7770/

GA27-2721

IBM SYSTEM/360 COMPONENT DESCRIPTION IBM 2250 DISPLAY UNIT MODEL 3 IBM 2840 DISPLAY CONTROL MODEL 2
This document presents detailed information about IBM 2250 Display Unit Model 3/IBM 2840 Display Control Model 2 programming, operation, and special features. The material is presented with the assumption that the reader has read the IBM System/360 Principles of Operation Manual, Order Number GA22-6821.
Systems Reference Library Manual, 70 pages
360,370//06//2250,2840/

GA27-2725

IBM 50 MAGNETIC DATA INSCRIBER COMPONENT DESCRIPTION
This manual describes the functional and operating characteristics of the IBM 50 Magnetic Data Inscrubber. The IBM 50 Magnetic Data Inscrubber is a key-operated device that records data on cartridge-contained magnetic tape. Each IBM 50 generated tape can be used as a data storage medium or as a vehicle for entering data into an IBM System/360, via the IBM 2495 Tape Cartridge Reader. In addition to its data recording capability, the IBM 50 can also be used to verify data stored on tapes generated on the same or other IBM 50's.
Systems Reference Library Manual, 28 pages
//10//0050/

GA27-2726

IBM SYSTEM/360 COMPONENT DESCRIPTION IBM 2495 TAPE CARTRIDGE READER
This manual describes the functional and operating characteristics of the IBM 2495 Tape Cartridge Reader (TCR). The IBM 2495 TCR is used to transfer data stored on cartridge-contained 16mm magnetic tape to an IBM System/360. The TCR accepts cartridge tapes containing data generated on either the IBM 50 Magnetic Data Inscrubber on the IBM Magnetic Tape Selectric Typewriter System.
Systems Reference Library Manual, 12 pages
360,370//05//2495/

GA27-2727

IBM SYSTEM/360 CUSTOM SYSTEMS UNIT 2909 MODEL 3 - ASYNCHRONOUS DATA CHANNEL RPO F13299 RPO 882045 INSTALLATION BULLETIN-PHYSICAL PLANNING
This bulletin contains all the necessary physical planning data required for the installation of the unit described. If the unit is to be installed in conjunction with a computer system, the specifications of the most critical unit must be met. This bulletin utilizes the same format

and standardized symbols contained in the IBM SYSTEM/360 Installation Manual - Physical Planning, Order Number GC22-6820
Systems Reference Library Manual, 6 pages
//15//2909/

Manual, 2 pages
//15//7412,3215/

GA27-2730

2285 DISPLAY COPIER, COMPONENT DESCRIPTION

This publication presents a functional description of, and operator procedures for, the IBM 2285 Display Copier. Each 2285 attaches directly to an IBM 2250 Display Unit Model 1, 3, or 4 that is equipped with an attachment feature. The 2285 provides an 8 1/2 x 11 inch paper copy output of the associated 2250 display upon initiation by the 2250 operator. The 2285 obtains analog signals and power from the 2250 to which it is attached and requires no programming. The following publications may be of interest to the reader:

System/360 Component Description: IBM 2250 Display Unit Model 1, (GA27-2701).

System/360 Component Description: IBM 2250 Display Unit Model 3, IBM 2840 Display Control Model 2, (GA27-2721).

1130 System Component Description: IBM 2250 Display Unit Model 4, (GA27-2723).

Manual, 8 1/2 x 11 inches, 8 pages, 12/68
//06//2285/

GA27-2742

IBM 3270 INFORMATION DISPLAY SYSTEM OPERATORS GUIDE: 3275 & 3277 DISPLAY STATIONS, 3284, 3286, AND 3288 PRINTERS
This manual contains operating instructions and procedures for the IBM 3275, 3277, 3284, 3286, and 3288 units.
Manual, 8 1/2 x 11 inches, orange & black covers, 168 pgs, 1/78
//09//3271,3275,3272,3277,3284,3286,3288/

GA27-2749

IBM 3270 INFORMATION DISPLAY SYSTEM COMPONENT DESCRIPTION
This manual includes a description of the following special features: Dial, Line Adapter, Line Adapter with Auto Answer, Switched Network Backup, and 4800/7200 bps Transmission Speed. In addition, a discussion of command execution timing considerations has been added, and additional descriptions are provided for the following topics: attribute characters, locked keyboard recovery using the RESET key, Numeric Lock special feature operation and Operator Identification Card Reader character code formats. The new information is useful to programmers, analyst and in a more general way to management personnel.
Manual, 110 pages
//09//3271,3272,3275,3274,3276/

GA27-2731

IBM SYSTEM/360 COMPONENT DESCRIPTIONIBM 2265 DISPLAY STATION IBM 2845 DISPLAY CONTROL

This manual describes the functional and operating characteristics of the IBM 2265 Display Station and the IBM 2845 Display Control. The two units combine to form a display system that provides visual access to data stored in an IBM System/360.

Systems Reference Library Manual, 64 pages
360,370//06//2265,2845/

GA27-2750

3270 PROBLEM IDENTIFICATION GUIDE: IBM 3271, 3272, 3275, 3277, 3284, 3286 AND 3288

Provides charted problem identification procedures for operators of the IBM 3270 Information Display System. The scope of this guide is limited to 3270 Information Display Systems consisting of a 3275 or 3277a 3284a 3286a and/or 3288a attached to a 3271 or 3272 Control Unit.
Manual, 44 pgs, 6/78
//09//3271,3272,3275/

GA27-2737

IBM 2909-3 ASYNCHRONOUS DATA CHANNEL RPG P13299CUSTOM FEATURE DESCRIPTION

This manual describes the functional and operational characteristics of the 2909-3 Asynchronous Data Channel. Main Topics described include: instruction and command execution, programming operation, and subchannel attachment.

This publication is a reference manual for the programmer or systems engineer. Knowledge of IBM System/360 operations, particularly storage addressing, data formats, and machine instruction formats as explained in IBM SYSTEM/360 PRINCIPLES OF OPERATION SRL, Form GA22-6821, is a prerequisite to using this publication. Also needed are experience with programming concepts and techniques or completion of basic courses of instruction in these areas.

System Reference Library Manual, 38 pages
//14//2909/

GA27-2752

IBM 3284/3286 PRINTER CUSTOM FEATURE DESCRIPTION MARGIN STOP VARIABLE RPG #EP1995

This document contains information relating to the Margin Stop Variable feature (RPG EB3995). When implemented in the 3284/3286 Printers (all models), this feature allows for printer platens of varying lengths to be interchanged by the operator.

The data presented herein is directed solely to a printer operator. It is intended to serve as an instructional guide in the basic rudiments of those platen removal and installation procedures that may be performed by an operator once the custom feature has been installed in the 3284/3286 Printers.

Manual, 6 pages
//14//3284,3286/

GA27-2739

AN INTRODUCTION TO THE IBM 3270 INFORMATION DISPLAY SYSTEM

This publication provides customer executives, installation managers and planners, and IBM marketing representatives with planning information about the IBM 3270 Information Display System, which includes local and remote display stations and printers. The publication:

- o Describes the 3270 hardware units, features, functional capabilities and its programming support.
- o Outlines applications for alphanumeric displays and guidelines for conversion.
- o Gives data on human factors, installation planning, reliability, and performance.

This publication is primarily a planning aid and will be supplemented with reference documentation.

The current major revision incorporates descriptions of the following special features: Dial, IBM 600/1200 bps Line Adapter, IBM 600/1200 bps Line Adapter with auto answer, Switched Network Back capability, and 4800/7200 bps Transmission Speed.

Manual, 76 pages
//09//3271,3272,3274,3276,3275/

GA27-2753

IBM 3284/3286 PRINTER CUSTOM FEATURE DESCRIPTION VERTICAL FORMS INDEX CONTROL (RPG EB4324)

This document contains information relating to the Vertical Forms Index Control feature (RPG EB4324). The data contained herein is directed to a customer, his programmer and computer operator, and is intended to assist them in the application of this feature when used in 3284/3286 Printers.

Manual, 12 pages
//14//3284,3286/

GA27-2758

IBM 3270 INFORMATION DISPLAY SYSTEM CUSTOM FEATURE DESCRIPTION, DUAL CASE CHARACTER SET RPG #K0366

This manual contains a description of the Dual Case Character Set (RPG #K0366) intended for customers, planners, marketing representatives, and programmers.

Manual, 22 pages
//14//3271,3272,3275,3284,3286/

GA27-2759

IBM 3270 INFORMATION DISPLAY SYSTEM: A HUMAN FACTORS STUDY OF WORK STATION DESIGN

This document describes, and gives dimensions of, three basic work stations that may be used to support the 3270 CRT terminals. Other general considerations are also briefly discussed.

Manual
//09//3271,3272,3275,3274,3276,3277,3278/

GA27-2770

A GUIDE TO 60 HERTZ UPS SELECTION

The Power Warning Feature provides for an automatic interruption and permits implementation of orderly shutdown and recovery procedures following power-line disturbances on System/370 Models 158 and 168 supported by an Uninterruptible Power Supply (UPS). This manual provides information to guide the customer in the selection of a 60-Hertz UPS. It (1) discusses input and output power characteristics, operating environmental conditions, and other performance requirements and it (2) describes the UPS required.

Manual, 16 pages

GA27-2740

IBM 7412 MODEL 1 CONSOLE, CUSTOM SYSTEMS RPG AA2846,CUSTOM FEATURE DESCRIPTION

This reference manual describes the functional characteristics and features of the IBM 7412-1 Console with the IBM 3215-1 Console Printer-Keyboard. This publication is intended for System Analysts, Programmers, and Operators. Assumed is a background knowledge of the IBM System/360 and System/370, and of the I/O Interface.

Manual, 26 pages
//14//7412,3215/

GA27-2741

INSTALLATION BULLETIN PHYSICAL PLANNING FOR IBM 7412 CONSOLE MODEL 1 CUSTOM SYSTEMS RPG AA2846

This publication provides physical planning information for the IBM 7412-1 Console with the IBM 3215-1 Console Keyboard. Included are physical specifications and cable, electrical, and environmental requirements.

SLSS - ORDER NO. SUBSCRIPTION ONLY

GA27-2771

A GUIDE TO 50 HERTZ UPS SELECTION

The Power Warning Feature provides for an automatic interruption and permits implementation of orderly shutdown and recovery procedures following power-line disturbances on System/370 Models 158 and 168 supported by an Uninterruptible Power Supply (UPS). This manual provides information to guide the customer in the selection of a 50-Hertz UPS. It (1) discusses input and output power characteristics, operating environmental conditions, and other performance requirements and it (2) describes the UPS required.

Manual, 15 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

GA27-2772

A UPS INSTALLATION PLANNING GUIDE

This document is intended to assist the IBM System/370 user in determining UPS requirements for his EDP operations and to guide him in planning and implementing the installation of a UPS that will satisfy the requirements. This document is basically a check list that is amplified by descriptive narrative to identify the significant UPS installation planning factors. It is chronologically arranged to cover the period ranging from the earliest planning stage to the final testing and acceptance of the UPS installation at his EDP location.

Manual, 20 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

GA27-2773

IBM 3284/3286 PRINTER CUSTOM FEATURE DESCRIPTION: FORMS TRACTOR (RPQ WD 4031)

This reference manual provides information about IBM 3284 and 3286 Printers which have the Forms Tractor (RPQ WD 4031) attached. It is intended for use by customers, operators, and service personnel. Information contained herein supplements the printer information found in the 3270 System Component Description, Order No. GA27-2749 and the 3270 System Operator's Guide, Order No. GA27-2742. This manual also supports forms tractor printers which have the Vertical Forms Index Control (RPQ EB 4324) installed.

System Library Manual, 12 pages

//14//3284,3286/

GA27-2774

A GUIDE TO USING THE TEST REQUEST FEATURE ON IBM 3270 INFORMATION DISPLAY SYSTEMS: IBM 3271, 3272, 3275, 3277, 3284, 3286, AND 3288

Provides instructions for using the Test Request feature on the IBM 3270 Information Display System. The scope of this guide is limited to 3270 Information Display Systems consisting of a 3275 or of 3277a, 3284a, 3286a and/or 3288a attached to a 3271 or 3272 control unit.

Manual, 8 1/2 x 11 inches, 28 pgs, 6/78

//09//3271,3272,3275/

GA27-2775

IBM 3270 INFORMATION DISPLAY SYSTEM: 3277 CUSTOM FEATURE DESCRIPTION SIGNATURE DISPLAY (RPQ 700010, 8K0438)

This document describes the Signature Display Feature, an option for the IBM 3277 Display Station Models 1 and 2. (The 3277 is a unit of the IBM 3270 Information Display System.)

In addition to presenting a general description of the feature, the document briefly discusses Signature Display's basic functions, data-handling characteristics, and alphanumeric display capabilities.

System Library Manual, 12 pages

//14//3277,3271,3272/

GA27-2787

IBM 3270 INFORMATION DISPLAY SYSTEM INSTALLATION MANUAL--PHYSICAL PLANNING

This publication provides physical planning information for the units of the IBM 3270 Information Display System.

Included is information on floor planning, electrical and environmental requirements, cabling and machine specifications and descriptions.

Manual, 40 pages (6/75)

//15//3271,3289,3272,3275,3284,3286,3287,3288,3274,3276,3277,3278/

GA27-2788

AN INTRODUCTION TO THE IBM 3270 DATA ANALYSIS - APL FEATURE

This manual introduces the IBM 3270 Data Analysis - APL Feature to present and potential 3270 users. The contents include descriptions of the feature and display system components, with emphasis placed on the Data Analysis APL Feature keyboard. Basic operation of these components is discussed. Several appendixes are included for reference purposes.

Manual

370//13//3271,3272,3277,3284,3286/

GA27-2805

ASSEMBLY OF COAXIAL CABLES AND ACCESSORIES FOR ATTACHMENT TO IBM PRODUCTS

This manual contains information necessary for the assembly of coaxial cables. Included are step-by-step procedures for attaching BNC connectors to coax cable, installation of station protectors, the attachment of coax cable to the protector, and conversion of 2260 cables for use with 3270 system.

Manual

//15//2260,3271,3272,3275,3274,3276,3287,3288,3289,3277,3278,3284,3286/

GA27-2827

3270 INFORMATION DISPLAY SYSTEM, 3274 CONTROL UNIT PLANNING SETUP, AND CUSTOMIZING GUIDE

Provides, planning, setup and customizing information for the 3274 Control Unit. Formerly entitled IBM 3270 Display System Planning and Setup Guide, information about the 3276 Control Unit Display Station has been removed and is now found in a separate manual entitled IBM 3270 Information Display System, IBM 3276 Control Unit Display Station Planning and Setup Guide, GA18-2041. For customers, planners, and IBM Representatives who may be responsible for planning the installation and customizing of the 3274 and/or the installation and setup of the 3278, 3287, and 3289.

Manual, 8 1/2 x 11 inches, 44 pages, 11/78

//09//3274/

GA27-2837

IBM 3270 INFORMATION DISPLAY SYSTEM CHARACTER SET REFERENCE

A compendium for all alphanumeric language keyboards and associated I/C interface codes that are presently available to support the 3270 Information Display System in both the U.S. and World Trade countries.

Manual, 8 1/2 x 11 inches, 160 pgs, 9/77

//09//3271,3272,3274,3275,3276/

GA27-2838

3278 DISPLAY STATION SETUP INSTRUCTIONS

Instructions to customer personnel for setup of a 3278 Display Station without Magnetic Slct Reader or Switch Control Unit features. If these features are present, order setup instructions for them as well as this publication.

Manual, 8 1/2 x 11 inches, 6 pages, 10/77

//09//3278/

GA27-2839

IBM 3270 INFORMATION DISPLAY SYSTEM 3278 DISPLAY STATION PROBLEM DETERMINATION GUIDE

Problem Determination Guide for 3278 Display Station operator provides quick reference information and procedures to assist the operator in determining the cause of problems encountered in operating the 3278 Display Station. Designed to be mounted in the 3278 keyboard, using the two-sided tape on the back cover.

Manual, 1 3/4 x 10 inches, spiral bound, two-sided tape on back cover, 44 pgs, 10/77

//09//3278/

GA27-2849

IBM 3270 INFORMATION DISPLAY SYSTEM CONFIGURATOR PROBLEM DETERMINATION GUIDE

This manual contains information relating to configuration of 3270 system components. It consists of various overview configuration charts showing possible configurations that can be adopted around control units. It also lists a set of detailed features and associated numbers for each component in the 3270 system.

Manual, 8 1/2 x 11 inches, 47 pgs, 9/77

//09//3271,3272,3274,3275,3276/

GA27-2850

IBM 3270 INFORMATION DISPLAY SYSTEM 3274 CONTROL UNIT, PROBLEM DETERMINATION GUIDE

Provides procedures to assist 3274 operator in performing problem determination when a problem occurs on the IBM 3274 Control Unit.

Manual, 8 1/2 x 5 1/2 inches, 12 pgs, 1/78

360,370//09//3274/

GA27-2855

IBM 3274 CONTROL UNIT I/C SETUP INSTRUCTIONS

This document provides instructions to customer personnel for setup of the 3274 Control Unit Model 1C. Field Engineering assistance is not required. The customer personnel performing the setup are not required to have knowledge of either display systems or communications facilities.

Manual, 8 1/2 x 11 inches, 4 pages, 3/77

360,370//09//3274/

GA27-2862

IBM 3270 INFORMATION DISPLAY SYSTEM: 3277/3272 MULTI-FIELD IMAGE DISPLAY (RPQ MF3288)

This document describes the Multi-Field Image Display RPG for the IBM 3277 Display Station, Model 2. This RPG enables image data to be displayed on the lower portion of the display screen.

The document contains a general description and programming information. The information in this publication supplements the information presented in the IBM 3270 Information Display System Component Description, Order No. GA27-2749.
Manual, 8 1/2 x 11 inches, 8/77
//14//3272/

GA27-2865

IBM 3845 DATA ENCRYPTION DEVICE, IBM 3846 DATA ENCRYPTION DEVICE, GENERAL INFORMATION
This manual describes the IBM 3845 and 3846 Data Encryption Device in sufficient detail to enable prospective users to decide whether to use this type of data protection. Physical planning diagrams and specifications are included, as are general guidelines for the selection and distribution of key-variables.
Manual, 8 1/2 x 11 inches, 44 pgs, 10/77
//09//3845,3846/

GA27-2866

IBM 3845 DATA ENCRYPTION DEVICE PRINCIPLES OF OPERATION
The 3845 Data Encryption Device is used at each end of a telecommunication line to encrypt, then decrypt information transmitted on that line. This manual presents criteria to aid in the selection of 3845 personalization data, the key-variable and initialization data. It also contains the customer setup procedure and customer problem determination MAPs and procedures.
Manual, 8 1/2 x 11 inches, 6/78
//09//3845/

GA27-2871

IBM 3270 INFORMATION DISPLAY SYSTEM PROBLEM DETERMINATION 3274 CONTROL UNITS
Contains information intended to assist customer personnel who are responsible for coordinating problem determination activities on those IBM 3270 Information Display Systems which include an IBM 3274 Control Unit. This information is not intended to replace the problem determination guides supplied with each unit of the 3270 system, but is intended to supplement them and to coordinate their use.
Information concerning the IBM 3276 Control Unit Station is contained in GA18-2042.
Manual, 8 1/2 x 11 inches, 42 pages, 6/78
//09//3274/

GA27-2872

IBM 3270 INFORMATION DISPLAY SYSTEM SWITCH CONTROL UNIT SETUP INSTRUCTIONS
Provides customers with instructions for the setup of the Switch Control Unit feature on the IBM 3278 Display Station.
Manual, 8 1/2 x 11 inches, 2 pgs, 1/78
//13//3278/

GA27-2873

IBM 3270 INFORMATION DISPLAY SYSTEM MAGNETIC SLOT READER SETUP INSTRUCTIONS
Instructions to assist the customer in setting up the Magnetic Slot Reader on the 3278 Display Station and on the 3276 Control Unit Display Station.
Manual, 8 1/2 x 11 inches, 2 pages, 1/78
//13//3276,3278/

GA27-2890

3270 INFORMATION DISPLAY SYSTEM 3278 DISPLAY STATION OPERATOR'S GUIDE
This manual contains operator information about the 3278. It includes sections on Controls, Indicators, Features and Keyboards for Operators of a 3278. For information covering 3276 and 3274 Control Units, operators should see IBM 3270 IDS 3274 Control Unit operators Guide GA23-0023 and IBM 3270 IDS 3276 Control Unit Display Station Operator's Guide GA18-2040.
Manual, 8 1/2 x 11 inches, 140, 12/78
//09//3278/

GA27-2892

GUIDE TO 400 HERTZ POWER REQUIREMENTS, SYSTEM/370-165, -168
This manual defines for the user, 400 Hertz input power requirements for IBM System/370 Models 165 and 168 systems. It describes tolerances for 400 Hertz input power, load characteristics, control provisions, and circuit protection.
Manual, 8 1/2 x 11 inches, 10 pages, 1/78
3165,3168//01///

GA27-2893

A GUIDE TO 400 HERTZ POWER REQUIREMENTS - IBM 3032/3033
This manual defines for the user, 400 Hertz input power requirements for IBM 3032 and 3033 Processors. It describes tolerances for 400 Hertz input power, load characteristics, control provisions, and circuit protection.
Manual, 8 1/2 x 11 inches, 12 pages, 1/78
3032,3033//01///

GA27-2895

3276/3278 DISPLAY STATION KEYBOARD REPLACEMENT INSTRUCTIONS
This publication is a combination of text and art which instructs the user how to replace a keyboard at an existing 3276 or 3278 display station setup.
Manual, 8 1/2 x 11 inches, 2 pages, 4/78
//09//3276,3278/

GA27-2896

IBM 3270 INFORMATION DISPLAY SYSTEM CUSTOM FEATURE DESCRIPTION MCST TO 3277 ATTACHMENT FEATURE (REF 8K0618)
Document describes the IBM Mag Card Selectric Typewriter (MCST) operation when attached to an IBM 3277 Display Station Model 2.
Manual, 8 1/2 x 11 inches, 8 pages, 3/78
//14//3277/

GA27-2899

3846 DATA ENCRYPTION DEVICE, PRINCIPLES OF INFORMATION
The 3846 encryption device allows a user to protect a telecommunication line from electronic eavesdropping by encrypting the transmitted data and decrypting it again as it is received (via the same DES algorithm). This manual provides information for the selection of initialization, personalization, and key-variable data. It also gives procedures for customer setup and customer problem determination.
Manual, 8 1/2 x 11 inches, 65 pages, 1/79
//09//3846/

GA27-3001

IBM 2740/2741 COMMUNICATIONS TERMINAL - OPERATOR'S GUIDE
This publication describes the setup and operating procedures for the IBM 2740 and IBM 2741 Communications Terminals when operating in local and communicate mode. The line-control signals and transmission controls are fully described for each terminal. Removal and replacement procedures for the typewriter are also fully described along with recommended typing procedures to ensure the most efficient operation of the terminals.
Systems Reference Library Manual, 62 pages
//09//2740,2741/

GA27-3004

GENERAL INFORMATION - BINARY SYNCHRONOUS COMMUNICATIONS
This publication describes the Binary Synchronous Communications (BSC) procedures in general terms. The major topics covered are: BSC concepts (including transmission codes and data-link operation), message formats, additional data-link capabilities, and planning considerations.
Systems Reference Library Manual, 36 pages
//09///

GA27-3005

IBM 2780 DATA TRANSMISSION TERMINAL - COMPONENT DESCRIPTION
This Component Description manual describes the principles of operation of the IBM 2780 Data Transmission Terminal. The data-link control characters, code structures, timeouts, and throughput rates associated with the Binary Synchronous method of transmission are described.
The communications facilities, data sets, and special features available for this teleprocessing terminal are also discussed.
Systems Reference Library Manual, 78 pages
//09//2780/

GA27-3006

IBM REMOTE MULTIPLEXERS AND COMMUNICATIONS TERMINALS INSTALLATION MANUAL - PHYSICAL PLANNING
This publication contains physical planning information for IBM Remote Multiplexers and Communications Terminals. Included are physical specifications, electrical and environmental requirements, cabling requirements, and available communications facilities.
Systems Reference Library Manual, 64 pages
/C/15///

GA27-3011

COMPONENT DESCRIPTION, 2760 OPTICAL IMAGE UNIT
This manual describes the principles of operation of the IBM 2760 Optical Image Unit when attached to an IBM 2740 Communications Terminal, Model 1. Line-control signals, message formats, special features, communication facilities, and data sets used with this teleprocessing terminal are also discussed. A major section concerning the preparation of artwork and the photographic procedures involved in creating a filmstrip for use in this unit will be found toward the end of the manual.
Manual, 8 1/2 x 11 inches, 52 pages, 9/69
//09//2760/

GA27-3013

SYSTEM COMPONENTS: IBM 2770 DATA COMMUNICATION SYSTEM
This System Components manual describes the principles of operation of the component units of the IBM 2770 Data Communication System. The data link control characters, code structures, and timeouts associated with the Binary Synchronous method of transmission used by the 2770 are

described. Also described are the operating characteristics of the various input/output devices and the specifications of the input/output media. Special features and specify features for all system units are included.

This manual comprises descriptions of individual units within the 2770 Data Communication System.
Systems Reference Library Manual
//09//2770,2772/

GA27-3015

IBM 2790 DATA COMMUNICATION SYSTEM COMPONENT DESCRIPTION

The IBM 2790 Data Communication System is a two-way, in-plant communication and production reporting system. This publication describes the units of the 2790 system, along with its capabilities, features, and applications. This publication presumes a telecommunications background and IBM System/360 experience. The purpose of this publication is to assist programmers and systems analysts in designing and operating the 2790 system.

This publication describes the 2790 system using the 2715 Transmission Control Unit as the system controller.

IBM 2793 Area Station
IBM 2795 Data Entry Unit
IBM 2796 Data Entry Unit
IBM 2797 Data Entry Unit
IBM 2798 Guidance Display Unit
IBM 1035 Badge Reader
IBM 1053 Printer

Systems Reference Library Manual, 78 pages
//09//2790,2791,2793/

GA27-3017

IBM 2790 DATA COMMUNICATION SYSTEM INSTALLATION MANUAL PHYSICAL PLANNING

This manual provides technical information necessary for planning the physical installation of the IBM 2790 Data Communications System. Included are physical specifications and electrical requirements for each unit of the system. Typical system configurations with interunit cabling requirements are presented.

The intended customer audience includes facilities planners such as architects and consultants, contractors, operating management of the system, building superintendents, and communications technical representatives.

The intended IBM audience includes Sales Representatives, Systems Engineers, Installation Planning Representatives, and Customer Engineers.
System Reference Library Manual, 66 pages
//15//2790,2791,2793/

GA27-3019

IBM 2770 DATA COMMUNICATION SYSTEM INSTALLATION MANUAL--PHYSICAL PLANNING

This publication presents detailed information concerning the physical characteristics of the IBM 2770 Data Communication System. Dimensions, weights, service clearances, physical information for each unit, and environmental and electrical requirements are included. Particular attention is devoted to information necessary for the customer to prepare his premises for actual installation of equipment. Planning assistance is available from IBM sales and installation planning representatives.

Systems Reference Library Manual, 42 pages
//15//2770,2772/

GA27-3021

IBM 2790 CONFIGURATOR

The IBM 2790 Configurator is written for IBM Salesmen, IEM Systems Engineers, and customer system evaluation management. This manual illustrates configurations for IBM 2790 Data Communications Systems attached to System/7, System/360, System/370, or to an IBM 1800 Data Acquisition and Control System. Diagrams show the relationship of all units in the system. Domestic and World Trade systems are shown in table and chart form to provide standard, special, and specify feature information.

System Reference Library Manual, 22 pages
//00//2790,2791,2793/

GA27-3029

2721 PORTABLE AUDIO TERMINAL COMPONENT DESCRIPTION

This manual is designed to acquaint the reader with the basic concepts and use of the IBM 2721 Portable Audio Terminal. The publication should be used as a general guideline for useful application of the terminal. Functional and operational characteristics are discussed in detail, and no previous reading is required for an understanding of how the terminal operates as a remote input/output device. The operation of the 2721 terminal in a systems environment depends largely on how the user's program is written; therefore, the operating procedures outlined in this manual are of a general nature. The ultimate operation of the terminal depends upon the programmer's ingenuity and the applications involved.

For detailed information regarding the handling of data by the IBM 2770 Audio Response Unit, refer to the SRL manual, Component Description - IBM 2770 Audio Response Unit Model 3, GA27-2712. Related manuals are shown in the following Publications Availability Guide.
Manual, 8 1/2 x 11 inches, 28 pages, 7/70
//09//2721/

GA27-3035

IBM 2790 DATA COMMUNICATION SYSTEM OPERATOR'S GUIDE

The IBM 2790 Data Communication System is a two-way, in-plant communication and production reporting system. This publication is designed as a guide for operating the units of the 2790 system. Operational information about the following units and features is included:

IBM 2715 Transmission Control Unit
IBM 2791 Area Stations
IBM 2792 Remote Communications Controllers
IBM 2793 Area Station
IBM 2795 Data Entry Unit

Systems Reference Library Manual, 80 pages
//09//2790,2715,2791,2793,2795,2792/

GA27-3038

OPERATOR'S GUIDE: IBM 2770 DATA COMMUNICATION SYSTEM

This Operator's Guide is designed specifically for personnel operating or implementing the IBM 2770 Data Communication System. Step-by-step operating procedures and flowchart-type error recovery procedures are included for the control unit and for each of the input/output devices.

The procedures for initiating, answering and terminating a switched-network communications link with another terminal or processor are discussed. Error message formatting and transmission procedures are also described in detail.
Operator's Guide, 150 pages
//09//2770,2772/

GA27-3039

2721 PORTABLE AUDIO TERMINAL

This manual provides instructions for installing and operating the IBM 2721 Portable Audio Terminal. A section on problem determination is provided to assist the operator in deciding if the terminal requires maintenance.

For more detailed information on the functions and operation of the terminal, refer to the Systems Reference Library publication, Component Description: IBM 2721 Portable Audio Terminal, GA27-3029.
Handbook, 3 3/8 x 7 3/8 inches, 16 pages, 8/70
//09//2721/

GA27-3043

IBM 3735 PROGRAMMABLE BUFFERED TERMINAL CONCEPT AND APPLICATION

The purpose of this manual is two-fold: first, it introduces the IBM 3735 Programmable Buffered Terminal; and, second it provides planning information for those who may be involved in installing a 3735. Because of this dual purpose, not all sections of the manual may be of interest to each reader. Those interested in an overview and in the highlights of the 3735 will find the Introduction of most value; those who need more detailed information on the terminal's operation and functional capabilities will find the sections on Operating Characteristics and Implementation Considerations of most interest; systems and application programmers will find information on Programming Considerations for the 3735 in Appendix E.

Generally, the prerequisites for this manual are an understanding of the concept and application of the IEM System/360 and the IEM System/370 in a teleprocessing environment. The section on Programming Considerations requires more extensive knowledge of the applicable operating system (CS or DOS).

Although not intended as a terminal operator's guide or as a programmer's guide, the manual presents general information concerning these subjects.

System Reference Library, 50 pages
360,370//09//3735/

GA27-3044

IBM 2976 MOBILE TERMINAL SYSTEM CUSTOM SYSTEM DESCRIPTION OPERATOR'S GUIDE - PHYSICAL PLANNING

This manual is the primary source of information on the IBM 2976 Mobile Terminal System. The Mobile Terminal System provides high-speed, two-way data communications between a central IEM System/360 or System/370 and mobile terminals. It is comprised of an IEM 2976 Model 3 Transmission Control Unit, an IEM 2976 Model 5 Signal Converter, and a number of IBM 2976 Model 4 Mobile Terminals.

The manual contains both introductory and in-depth information about the system components, a discussion of programming requirements for the system, the operator information needed to use the components of the system, diagnostic procedures for rapid problem determination, and the physical planning and installation information required for planning and installing the Mobile Terminal System.

Organization of the manual into separate parts allows the expected users to go directly to the information they require. These users include: management, programming, system analyst, and central site operating personnel; mobile terminal operators; and site planning and installation personnel.

Users who require the detailed information provided in this publication should have a basic understanding of telecommunications and radio operations and should have IEM System/360 or System/370 programming and operating experience.

Manual, 50 pages
/C/15//2976/

GA27-3051

INTRODUCTION TO THE 3704 & 3705 COMMUNICATIONS CONTROLLERS
The IBM 3704 and 3705 Communications Controllers are compatible, programmed transmission control units designed to assume many teleprocessing control functions formerly assigned to a teleprocessing access method. The 3704 and 3705 are controlled by programs resident in the controller. This publication contains introductory information on the hardware components of the controllers and on the programs provided to support them. Any user or potential user of a 3704 or 3705, including management, programmers, operators, and maintenance personnel, should be familiar with the contents of this manual. The only prerequisite for this manual is an understanding of basic teleprocessing operations.
System Library Manual, 56 pages
//09//3705,3704/

GA27-3058

IBM 3872 MODEM USER'S GUIDE
The IBM 3872 Modem can transfer data at rates of 2400 or 1200 bits per second. It operates on dedicated (leased or privately owned), voice-grade communications facilities. In the USA and Canada, the 3872 also operates on the public switched network.
In this publication, the 3872 is described as an item of equipment in the medium-speed modem field. The manual is in four main parts: Part 1 describes (in general terms) the IBM 3872 Modem, planning considerations, and equipment and facility considerations; Part 2 presents 3872 operating procedures and offline problem determination procedures; Part 3 describes (in detail) the IBM 3872 Modem: interface specifications, installation specifications, channel specifications, and special features. Considerations in using the 3872 in World Trade countries are included in appropriate places in the manual and are summarized in Part 4, which also contains the glossary.
This publication is intended for system planners, systems engineers, installation planners, operators, and supervisory personnel. A knowledge of teleprocessing systems is a prerequisite for Part 3 only. Operator information (Part 3) is separated from general and specific descriptive information, for easier accessibility.
System Library User's Guide, 70 pages
//09//3872/

GA27-3061

IBM 3735 PROGRAMMABLE BUFFERED TERMINAL OPERATOR'S GUIDE
The IBM 3735 Programmable Buffered Terminal consists of two cable-connected units: a keyboard/printer and a control unit. In its typical application, the 3735 is used to prepare source documents (preprinted forms on which the terminal operator adds variable information). Programs, stored within the 3735 control unit, guide the operator during preparation of the forms, and cause selected input data to be stored for later batch transmission to a central data processing system.
This operator's guide introduces the 3735 and describes its operating procedures. Both normal operating procedures and error recovery techniques are described.
The manual assumes that the user has been previously trained in the operation of an office typewriter such as the IBM Selectric.
Manual, 100 pages
//09//3735/

GA27-3062

IBM 3872 MODEM PROBLEM DETERMINATION CARD
This foldout card document normally accompanies a 3872 Modem to help the customer determine who to call when a communications channel using the 3872 becomes troublesome.
8-1/2 x 11 inches, 8 cards
//09//3872/

GA27-3063

COMPONENT INFORMATION FOR THE IBM 3780 DATA COMMUNICATION TERMINAL
This manual introduces the IBM 3780 Communication Terminal, designed to transmit and receive data accurately, quickly, and economically in a teleprocessing environment. The terminal's applications, capabilities, and design highlights are discussed, as well as use of the binary synchronous communication, a description of the associated data-link control characters, code structures, and timeouts. The manual also discusses communication facilities, IBM modems, and special features available for this teleprocessing terminal.
In-depth information for those who implement customer applications is also included. Readers concerned with the 3780's capabilities and design highlights will find the Introduction, Card Reader, and Printer sections useful, while those needing more detailed information on the terminal's operation and its binary synchronous method of communication should read the Operating Characteristics and Programming Considerations sections.
Prerequisites for this manual include an understanding of the IBM System/360 and the IBM System/370 in a teleprocessing environment, together with knowledge of the binary synchronous method of data-link control as outlined in the IBM Systems Reference Library publication, General Information, Binary Synchronous Communications, GA27-3004.
Manual, 70 pages
//09//3780,3781/

GA27-3066

SUPPLEMENTARY OPERATOR'S AND PROGRAMMER'S GUIDE INFORMATION CARD, 3735 WITH 129 CARD DATA RECORDER (RPC EP1935)
This card contains information on setup and operation, switches, the card deck, column indicator, errors, and recovery.
This guide supplements information contained in the following manuals:
Operator's Guide for IBM 3735 Programmable Buffered Terminal (GA27-3061)
IBM 3735 Programmer's Guide (OS and ECS Systems) (GC30-3001)
IBM 129 Card Data Recorder/Machine Description (GA22-6980)
Guide Card, 2 pages
//14//3735/

GA27-3069

SUPPLEMENTARY OPERATOR'S AND PROGRAMMER'S GUIDE INFORMATION IBM 3735 WITH IBM KEYPAD UNIT AND FILE SEARCH (RFC #853102)
This guide supplements information in the following manuals:
Operator's Guide for IBM 3735 Programmable Buffered Terminal (GA27-3061)
IBM 3735 Programmer's Guide (OS and ECS Systems) (GC30-3001)
The operation of the Keypad standalone unit is the same as the Keypad on the 3735 Selectric keycard, except that the standalone Keypad provides a 48 character buffer.
Form
//14//3735/

GA27-3073

IBM 3735 WITH AUTIC FLP EXECUTION RFC #ME7057 OPERATOR'S CARD
This guide supplements information contained in the Operator's Guide for IBM 3735 Programmable Buffered Terminal (GA27-3061).
It is intended for personnel who have been previously trained on an office typewriter such as the IBM Selectric.
Card, 2 pages
//14//3735/

GA27-3086

GUIDE TO USING THE IBM 3704 COMMUNICATIONS CONTROLLER CONTROL PANEL
This publication is a 3704 control panel guide for the systems programmers, the systems engineers, the customer engineers, and the programming service representative with a knowledge of the internal operation of the 3704 and a need to use the control panel for normal operation, testing, or diagnostics. It primarily describes the functions and uses of the 3704 control panel.
For the operator, an IBM 3704 Operator Reference Summary is provided with this manual to be used as an easy reference for preparing the 3704 for operation and for handling basic error conditions.
This manual is divided into five sections and five appendices.
Section 1 describes the general capabilities of the 3704 control panel and how to use the panel.
Section 2 describes the basic and advanced program independent control panel procedures for the 3704.
Section 3 describes the 3704 control panel procedures used with the Emulation Program.
Section 4 describes the 3704 control panel procedures used with the Network Control Program.
Section 5 is an alphabetical list of the 3704 panel controls that summarizes their functions and provides a cross-reference to the applicable procedures.
The appendixes provide supplementary information needed to execute and interpret certain of the control panel procedures.
A special feature of the manual is a foldout diagram of the 3704 control panel (Appendix D). The diagram is divided into areas, each of which has a number. Throughout the book, references to a specific panel control are keyed to the section of the diagram where that control is located. For ease of reference, the diagram can be folded out to be seen with any other page of the manual.
The information in this manual was previously in the IBM 3704 and 3705 Communications Controllers Operator's Guide (GA27-3055). The 3705 information, previously a part of the Operator's Guide, is now in the Guide to Using the IBM 3705 Communications Controller Control Panel.
Manual, 138 pages
//09//3704/

GA27-3087

GUIDE TO USING THE IBM 3705 CONTROL PANEL
This publication is a 3705 control panel guide for the systems programmer, the systems engineer, the customer engineer, and the programming service representative with a knowledge of the internal operation of the 3705 and a need to use the control panel for normal operation, testing, or diagnostics. It primarily describes the functions and uses of the 3705 control panel.
For the operator, an IBM 3705 Operator Reference Summary is provided with this manual to be used as an easy reference for preparing the 3705 for operation and for handling basic error conditions.
A special feature of the manual is a foldout diagram of the 3705 control panel. The diagram is divided into areas, each of which has a number. Throughout the manual, references to a specific panel control are keyed to the section of the

diagram where that control is located. For ease of reference, the diagram can be folded out to be seen with any other page of the manual.

The information in this manual was previously in the IBM 3704 and 3705 Communications Controllers Operator's Guide GA27-3055. The 3705 information previously a part of the Operator's Guide is now in the Guide to Using the IBM 3705 Control Panel. Manual, 76 pages //09//3705/

GA27-3091

IBM 3704 OPERATOR REFERENCE SUMMARY

IBM 3704 Operator Reference Summary This reference card accompanies the Guide to Using the IBM 3704 Control Panel (or may be ordered separately) and provides the operator with an easy reference for basic 3704 operating procedures.

It lists the procedures to be followed in preparing the 3704 for operating (up to IPL) and the basic error recovery procedures. Reference Summary, 6 panels //09//3704/

GA27-3092

IBM 3705 OPERATOR REFERENCE SUMMARY

This reference card accompanies the Guide to Using the IBM 3705 Control Panel (or may be ordered separately) and provides the operator with an easy reference for basic 3705 operating procedures.

It lists the procedures to be followed in preparing the 3705 for operation (up to IPL) and the basic error recovery procedures. Reference Summary, 6 panels //09//3705/

GA27-3093

SYNCHRONOUS DATA LINK CONTROL GENERAL INFORMATION

This manual describes the procedures that comprise Synchronous Data Link Control (SDLC). It includes a brief background and a basic description to familiarize the reader with the terminology and concepts of SDLC. This is followed by a catalog of the components of SDLC and some representative examples of their uses.

Readers who have no prior knowledge of data communications line control should refer to: IBM Introduction to Teleprocessing, GC20-8095-02 before attempting to understand the material presented in this publication.

The IBM Data Processing Glossary, GC21-1699, is a useful reference for the definitions of terms used in this manual. A reader who is familiar with other systems of line control should not assume that familiar terms have the same definitions in SDLC procedures.

This manual does not provide instructions for the implementation of SDLC, nor does it describe any specific information about an IBM SDLC implementation, refer to the appropriate IBM publication for that machine or system. Manual, 60 pages 370,8130,8140,4331,4341//09//

GA27-3094

OPERATING PROCEDURES GUIDE: IBM 3774 AND 3775 COMMUNICATION TERMINALS

This Operating Procedures Guide is designed specifically for personnel writing detailed operator procedures for IBM 3774 or IBM 3775 Communication Terminal job applications, and for operators of the terminals. Included are:

- o Operating procedures for the basic configuration (the console printer, the keyboard, the operator's console, and the controller).
- o Operating procedures for the input and output devices.
- o Job definition and job start procedures for the terminal.
- o Error recovery and problem identification procedures for the terminal.

This guide describes the purpose and use of the terminal controls as they apply to all jobs. This manual can be used in preparing a detailed operator procedure for a specific job in an application. Manual, 200 pages //09//3774,3775/

GA27-3095

REFERENCE CARD: IBM 3774 AND 3775 COMMUNICATION TERMINALS

This Reference Card summarizes information that is already included in the Operating Procedures Guide: IBM 3774 and 3775 Communication Terminals (GA27-3094), and gives a quick reference to the information needed for the routine operation of the IBM 3774 or IBM 3775 Communication Terminals.

Reference Summary, 4 pages //09//3774,3775/

GA27-3096

IBM 3767 MODELS 1 & 2 COMMUNICATION TERMINAL COMPONENT DESCRIPTION

This manual describes the IBM 3767 Communication Terminal, a multipurpose terminal that communicates with an IBM System/370. The information it contains is directed to customer executives, systems analysts, and systems engineers already

aware of the operating procedures for the applications in which they plan to use the terminal.

The first chapter gives an overview of the 3767. It describes the applications and features of the 3767 and the communication facilities required.

The chapter on operating controls follows the chapters on operating characteristics and special features so that the reader can better appreciate the functions of these controls.

Information on installation and physical planning is given in IBM Remote Multiplexers and Communication Terminals Installation Manual -- Physical Planning, GA27-3006. Manual, 80 pages //09//3767/

GA27-3099

ADVANCED FUNCTION FOR COMMUNICATIONS: SYSTEM SUMMARY

This manual provides summary information about IBM System Network Architecture elements, a selection of equipment and programs comprising compatible components as a basis for a data communications network. It briefly describes the concepts of the System Network Architecture and the interrelationships of its components. Short descriptions of equipment components are also included. Manual, 28 pages 370//09//

GA27-3100

OPERATING PROCEDURES GUIDE: IBM 3771 AND 3773 COMMUNICATION TERMINAL

This Operating Procedures Guide is directed specifically to personnel writing detailed operator procedures for IBM 3771 or IBM 3773 Communication Terminal job applications, and for operators of the terminals. Included are:

- o Operating procedures for the basic configuration (the console printer, the keyboard, the operator's console, and the controller).
- o Operating procedures for the input and output devices.
- o Job start procedures for the terminals.
- o Error recovery and problem identification procedures for the terminals.

This guide describes the purpose and use of the terminal's controls as they apply to all jobs. You can use this manual in preparing a detailed operator procedure for a specific job in your application. Manual, 120 pages //09//3771,3773/

GA27-3101

IBM 3771 AND 3773 COMMUNICATION TERMINALS REFERENCE SUMMARY

This Reference Summary contains information that is already included in the Operating Procedures Guide: IBM 3771 and 3773 Communication Terminals (GA27-3100), and gives a quick reference to the information needed for the routine operation of the IBM 3771 or IBM 3773 Communication Terminals.

Reference Card, 1 page //09//3771,3773/

GA27-3102

SYSTEMS NETWORK ARCHITECTURE GENERAL INFORMATION MANUAL

This manual provides general information on Systems Network Architecture (SNA). It is a basic description to equip the reader with knowledge of the terminology, concepts, and scope of SNA.

This manual does not provide instructions for implementing SNA, nor does it describe any specific equipment or programs that may be needed to implement SNA. For specific details about an IBM SNA implementation, refer to the appropriate publication for that product. Manual, 56 pages 370//09//

GA27-3103

3770 DATA COMMUNICATION SYSTEM CUSTOMER SITE PREPARATION GUIDE

This reference manual will be given to the customer by the IBM Marketing Representative at the time the customer orders a 3770 Data Communication System. The manual provides the customer with the information necessary to prepare his site for the installation of the 3770 which he will perform. Handbook, 50 pages //15//3770,3771,3773,3774,3775,3776,3777/

GA27-3104

3767 COMMUNICATION TERMINAL CUSTOMER SITE PREPARATION GUIDE

This manual will be given to the customer by the IBM Marketing Representative at the time the customer orders a 3767 Communication Terminal. The manual provides the customer with the information necessary to prepare his site for the installation of the 3767 which he will perform. Reference Summary, 15 pages //15//3767/

GA27-3106

OPERATOR'S INTRODUCTION TO THE 3767 COMMUNICATION TERMINAL
This brochure is intended to serve as the preferred means of first exposure to the equipment (i.e., before delivery) by

presenting to the prospective user or operator some of the characteristics and features of the 3767 Communication Terminal. Locations and functions of keys and controls are presented in a facts-folder format.
Reference Summary, 18 pages
//09//3767/

GA27-3107

OPERATING PROCEDURES GUIDE: IBM 3776 COMMUNICATION TERMINAL
This Operating Procedures Guide is directed to personnel writing detailed operator procedures for IBM 3776 Communication Terminal job applications, and for operators of the terminals. Included are: (1) operating procedures for the basic configuration (the printer, the keyboard, the operator's console, and the controller), (2) Operating procedures for the input and output devices; (3) job definition and job start procedures for the terminal, and (4) error recovery and problem identification procedures for the terminal.
Manual, 148 pages
//09//3776/

GA27-3108

IBM 3776 COMMUNICATION TERMINAL REFERENCE SUMMARY
This reference summary contains information that is already included in the Operating Procedures Guide: IBM 3776 Communication Terminal, GA27-3107, and provides a quick reference to information needed for routine operation of the 3776. Use the Operating Procedures Guide if you need more detailed information about terminal operation than is provided in this summary.
Reference card, 4 panels
//09//3776/

GA27-3113

IBM 3773, 3774, AND 3775 PROGRAMMABLE COMMUNICATION TERMINALS REFERENCE SUMMARY
This reference summary contains information that is already included in the publication IBM 3773, 3774, and 3775 Programmable Communication Terminal Operator's Guide, GA27-3114, and provides a quick reference to information needed for routine operation of these terminals. For more detailed information about terminal operation, the Operator's Guide must be used.
Reference card, 5 panels
//09//3773,3774,3775/

GA27-3114

3773 PROGRAMMABLE COMMUNICATION TERMINAL OPERATOR'S GUIDE
This manual contains operating instructions for the IBM 3773 Programmable Communication Terminal, Models P1, P2, and P3. This guide describes the purpose and use of the terminal's controls and functions. You can use this manual in preparing detailed operator procedures for a specific job in your application. This manual is written for personnel having the following responsibilities:
• Operating the terminals
• Programming the terminals
• Creating the specific job run books
Manual, 200 pages
//09//3773/

GA27-3116

IBM SYSTEMS NETWORK ARCHITECTURE INTRODUCTION
Systems Network Architecture (SNA) is a design for a total data communications system that offers many advantages over systems of the past. This publication introduces the major concepts of SNA and relates them to the advantages an SNA network offers the data communications user.
The IBM Systems Network Architecture Introduction manual is intended only for the data communication manager considering installing or converting to a data communication system designed to SNA specifications.
The SNA Introduction manual answers four questions a potential SNA user might ask:
(1) What is SNA? - A brief introduction to SNA concepts.
(2) What does SNA offer that is not available in pre-SNA data communication networks? - The advantages of SNA as a means of reducing many of the limitations inherent in pre-SNA systems.
(3) What equipment and programs are used to put SNA into operation? - A summary of the components of a data communications system and the IBM products that fulfill SNA requirements for each component.
(4) What is the conversion path from existing networks to an SNA network? - A look at the conversion aids available to ease the transition from current networks to SNA.
Manual, 24 pages, 2/76
370//09//

GA27-3120

IBM 2790 INSTALLER'S GUIDE
This publication gives simple installation techniques and precautions that, when followed, will insure proper cable installation. It should be used as an on-the-job reference for terminating cable ends, making splices, connecting grounds and testing the cable installation.
Manual, 3 5/8" x 8 1/2", 44 pages, 1/76
//15//2790,2791,2793/

GA27-3123

3767 COMMUNICATION TERMINAL FRONT DOCUMENT INSERT DEVICE USER'S INFORMATION ADDENDUM (RPO MF5272)
This manual is a supplement to user information for the 3767 Communication Terminal equipped with the Front Document Insertion Device (RPO MF5272). This device enables the operator to easily insert documents for printing in front of the terminal platen without having to use the platen knobs. This manual furnishes the information needed by management, programming, and operator personnel to successfully use this device.

Major subjects include: operating procedures, paper specifications, and print specifications.

It is essential that users of this manual be familiar with the 3767 Communication Terminal characteristics and operating procedures, and the following manuals: IBM 3767 Model 1, 2, and 3 Communication Terminal Component Description, GA27-3096, and IBM 3767 Communication Terminal Operator's Guide, GA18-2000.
Manual, 12 pages, 7/76
//14//3767/

GA27-3124

OPERATING PROCEDURES GUIDE: IBM 3777 COMMUNICATION TERMINAL

This operating procedures guide is directed to personnel writing detailed operator procedures for the IBM 3777 Communication Terminal, and for operators of the terminal. This manual also includes operating procedures for the IBM 3203 Printer, and for other devices that can be attached to the 3777. Users of this manual should already be familiar with the information contained in the publication IBM 3770 Data Communication System, System Components, GA27-3697.
Manual, 140 pages 8/76
//09//3777/

GA27-3125

3777 COMMUNICATION TERMINAL REFERENCE SUMMARY

This reference summary contains information that is already included in the Operating Procedures Guide: IBM 3777 Communication Terminal, GA27-3124, and provides a quick reference to information needed for routine operation of the 3777. Use the Operating Procedures Guide if you need more detailed information about terminal operation than is included in this summary.
Reference Card, 2 pages, 8/76
//09//3777/

GA27-3126

3767 COMMUNICATION TERMINAL PINFEED PLATEN USER INFORMATION (RPO EG0314 AND 851142)

This manual is a supplemental source of user information for the 3767 Communication Terminal equipped with the Pinfeed Platen Device (RPOs EG0314 and 851142). These devices allow accurate feeding of marginally pre-punched forms.

Major subjects include descriptions of components which are part of the pinfeed platen devices, platen removal and installation procedures, and forms insertion procedures.

This manual furnishes the information needed by management and operator personnel to successfully use this device.

It is essential that users of this manual be familiar with the 3767 Communication Terminal characteristics, operating procedures, and the contents of the following manuals: IBM 3767 Model 1, 2, and 3 Communication Terminal Component Description, GA27-3096, and IBM 3767 Communication Terminal Operator's Guide, GA18-2000.
Manual, 10 pages, 3/76
//14//3767/

GA27-3127

3767 COMMUNICATION TERMINAL INTEGRATED MODEM WITH AUTO-ANSWER AND DIAL DISCONNECT (RPO 853134) USER INFORMATION ADDENDUM

This manual is a supplemental source of user information for the 3767 Communication Terminal equipped with Integrated Modem with Auto-Answer and dial Disconnect (RPO 853134).

This modem makes possible manual dial-up auto answer over a point-to-point switched communications network.

Major subjects include: Description of Functions, and Installation of Modem Data Cable. This manual furnishes the user with all information necessary to use a terminal equipped with this modem.

It is essential that users of this manual be familiar with the 3767 Communication Terminal characteristics and operating procedures, and the following manuals: IBM 3767 Model 1, 2, and 3 Communication Terminal Component Description, GA27-3096, and IBM 3767 Communication Terminal Operator's Guide, GA18-2000.
Manual, 10 pages, 5/76
//14//3767/

GA27-3129

IBM 3777 MODEL 2 COMMUNICATION TERMINAL OPERATOR'S GUIDE

This manual is directed to operators of the IBM 3777 Model 2 Communication Terminal. This manual describes the operation of the IBM 3777 Model 2 Communication Terminal Operating with a System/360 Model 20 submodel 5 BSC MULTI-LEAVING workstation program, and communicating with a System/370 using one of the following BSC MULTI-LEAVING programming

systems:

- o OS/VS1 RES
- o OS/VS2 HASP
- o OS/VS2 JES2
- o OS/VS2 ASP
- o OS/VS2 JES3
- o VM/370 RECS

It is assumed that the user of this manual is already familiar with the programming system used. In conjunction with this Operator's Guide, the user will also require a copy of the programming systems publication that describes the system commands for controlling the system (refer to the publication IBM System/370 Bibliography, GC20-0001). Additional information about the IBM 3777 Model 2 can be found in the publication IBM 3770 Data Communication System, System Components, GA27-3097.
Manual, 8 1/2 x 11 inches, 140 pgs, 11/76
//09//3777/

GA27-3130

IBM 3777 MODEL 2 COMMUNICATION TERMINAL REFERENCE SUMMARY

This reference summary contains information that is already included in the IBM 3777 Model 2 Operator's Guide, GA27-3129, and provides a quick reference to information needed for routine operation of the 3777 Model 2. Use the Operator's Guide if you need more detailed information about terminal operation than is included in this summary.
Reference Summary, 8 1/2 x 3 3/4 inches, 8 pgs, 8/77
//09//3777/

GA27-3131

3771, 3773, AND 3774 COMMUNICATION TERMINALSOPERATOR TIPS

Operator Tips provides hints for identifying and correcting problems with the terminal's printer, or problems in on-line operation. It supplements, but is not intended to replace, the terminal's Operating Procedures Guide.
8 x 8 x .015 Polished white opaque vinyl plastic, 2 pgs, 10/
//09//3771,3773,3774/

GA27-3132

3775 AND 3776 COMMUNICATION TERMINALS AND IBM 3784LINE PRINTER OPERATOR TIPS

Operator Tips provides hints for identifying and correcting problems with the terminal's printer, or problems in online operation. It supplements, but is not intended to replace, the terminal's Operating Procedures Guide.
8 x 8 x .015 Polished white opaque vinyl plastic, 2 pgs, 10/
//09//3775,3776,3784/

GA27-3136

IBM SYSTEMS NETWORK ARCHITECTURE REFERENCE SUMMARY

This handbook contains summary information about the structure of SNA and SDLC, but mainly contains format and profile descriptions, and sense codes. All of the currently used field formatted RUS are included, as well as all of the currently used sense codes. The information contained in this handbook is intended to supplement the information contained in various manuals on specific IBM SNA products.
Handbook, 3 5/8 x 8 1/2 inches, Saddle Stitch, 36 pgs, 3/77
/C/30//5741,5742,5752,5745-020,5745-010

GA27-3140

IBM 3289 LINE PRINTER (MODELS 1 AND 2) SETUP INSTRUCTIONS

These instructions are used by the customer to set up (attach accessories and connect cables) and check out the operation of the IBM 3289 Line Printer (Models 1 and 2).
Manual, 8 1/2 x 11 inches, 8 pages, 8/78
//03//3289/

GA27-3141

3289 MOD 1, 2 ERROR RECOVERY AND PROBLEM DETERMINATION GUIDE

Directed to the printer operator and describes the procedures to use if an error or breakdown occurs. These procedures will help the operator identify and eliminate the problem and possibly avoid the need to call for assistance.

Subjects in this guide include recognizing errors, responding to status indicators, restarting a job after an error, and requesting maintenance.

When an error occurs, the operator goes to page 1 and follows the flowchart until the problem is found. The operator then corrects the problem or calls for assistance.

Other publications that should be available for the operator's use are:

- IBM 3289 Line Printer Models 1 and 2 Operator's Guide, GA27-3147
- IBM 3289 Line Printer Models 1 and 2 Operator's Reference Summary, GA27-3148
- IBM 3289 Line Printer Models 1 and 2 Operator's Trouble Report Form, GX27-2922

Manual, 8 1/2 x 11 inches, 25 pages, 8/78
//03//3289/

GA27-3142

IBM 3773, 3774, AND 3775 PROGRAMMABLE COMMUNICATION TERMINALS PROGRAMMER'S HANDBOOK

This handbook summarizes selected reference information about the 3773, 3774, and 3775 Programmable Communication

Terminals. The information was extracted from the 3770 Programmer's Guide GC30-3028), which is the authoritative source. Some of the contents are:

- o 3770 Programming Statements
- o Supervisor Instructions
- o ESC Message Headers
- o SNA FM Headers
- o PVS Control Statements
- o Error and Abend Codes
- o Record Formats
- o I/O Status Information
- o Condition Codes and System Indicators

For comprehensive information, refer to the 3770 Programmer's Guide.

Handbook, 3 3/4 x 6 3/4 inches, 72 pgs, 8/77
//09//3773,3774,3775/

GA27-3143

IBM 3773 AND 3774 PROGRAMMABLE COMMUNICATION TERMINALS OPERATOR'S GUIDE FOR PINFEED PLATEN RFG MJO436

Describes how to install and remove the pinfeed platen (RFG MJO436) for the IBM 3773 and 3774 Programmable Communication Terminals. It also describes how to load and align margin-punched forms on the terminals.

The publication supplements operating procedures contained in the IBM 3773, 3774, and 3775 Programmable Communication Terminals Operator's Guide, GA27-3114. Users should be thoroughly familiar with the above publication and with the operation of either the 3773 or 3774. Users who need more technical information on the functions and features of the terminals should refer to the IBM 3770 System Components manual, GA27-3097.

Manual, 8 1/2 x 11 inches, 12 pgs, 10/77
//14//3774/

GA27-3144

INTRODUCTION TO THE IBM 3770 DATA COMMUNICATION SYSTEM

Introduces the terminals and components of the IBM 3770 Data Communication System. Describes the capabilities, functions, features, and performance of the 3770 system for readers responsible for planning a data communication network or for integrating 3770 terminals into an existing network.

This publication describes the capabilities, functions, speeds, options, specify features, special features, accessories, and attachable input/output devices for the following 3770 terminal types: the general purpose nonprogrammable terminals, the general purpose programmable terminals, the general remote job entry (RJE) terminals, the BSC Multi-Leaving RJE workstation terminal, and the SNA Multiple Logical Unit RJE workstation terminals.

Information in this manual was previously in the IBM 3770 Data Communication System: System Components, GA27-3097, except for the information on the following new terminals: the IBM 3776 Communication Terminal Models 3 and 4 and the IBM 3777 Communication Terminal Model 3, SNA Multiple Logical Unit Workstation.
Manual, 8 1/2 x 11 inches, 100 pgs, 10/77
//09//3770,3771,3774,3775,3776,3777/

GA27-3145

COMPONENT DESCRIPTION FOR THE IBM 3776 AND 3777 COMMUNICATION TERMINALS

This publication presents introductory and reference information about the 3776 and 3777 terminals used in the following applications: 1) medium and high speed remote job entry terminals (BSC or SNA single logical unit), 2) high speed BSC MULTI-LEAVING workstation, and 3) medium and high speed SNA multiple logical-unit workstations. It describes the capabilities and functions of these terminals for those concerned with planning for a data communication network or for integrating the terminals into an existing network. It is also a reference source for system and application programmers, and for personnel planning job setups for the 3776 and 3777 terminals. Application personnel planning job setups will also require a copy of the appropriate Operating Procedures Guide or Operator's Guide.

It is assumed that the reader of this manual understands the concept and application of the IBM System/370 in a data communication environment, and is familiar with data link control procedures - Synchronous Data Link Control (SDLC) or Binary Synchronous Communications, whichever is used.
Manual, 8 1/2 x 11 inches, 336 pages, 3/78
//09//3776,3777/

GA27-3146

IBM 3771, 3773, 3774, AND 3775 COMMUNICATION TERMINALS COMPONENT DESCRIPTION

This publication describes the capabilities and functions of the general purpose terminals of the IBM 3770 Data Communication System: the IBM 3771, 3773, 3774, and 3775 Communication Terminals. The publication is directed to readers planning for a data communication network or for integrating the general purpose terminals into an existing network. It also contains reference information for system and application programmers, and for personnel planning job setups for the terminals.

Although this publication describes the operating controls of the terminals, it is not intended to provide detailed operating procedures. The controls are described only to illustrate the capabilities, functions, and features of the general purpose terminals. Operating procedures are described fully in the appropriate Operating Procedures

Guide for the terminals.
Manual, 8 1/2 x 11 inches, 246 pages, 1/78
//09//3771,3773,3774,3775/

GA27-3147

IBM 3289 LINE PRINTER MODELS 1 AND 2 OPERATOR'S GUIDE
Describes the basic operating procedures for the IBM 3289 Line Printer Models 1 and 2. It is intended for those who either operate the printer or write its detailed operating procedures.

It is assumed that the reader of this publication has previous operating experience, with a working knowledge of the 3289 printer or related data processing equipment. Detailed procedures for a particular application are not presented. Rather, this publication describes the use and capabilities of the printer as they apply to all applications. Chapter 1 describes models, printing speeds, character sets, and the operator panel. Chapter 2 describes basic operating procedures such as turning power on and off, setting format, reprinting a job, etc. Chapter 3 provides information for installing forms, ribbons, and print belts.

Publications that should be available for the operator's use are:

- IBM 3289 Line Printer Models 1 and 2 Error Recovery and Problem Determination Guide, GA27-3141
- IBM 3289 Line Printer Models 1 and 2 Operator's Reference Summary, GA27-3148
- IBM 3289 Line Printer Models 1 and 2 Operator's Trouble Report Form, GX27-2922.

Manual, 8 1/2 x 11 inches, 65 pages, 8/78
//03//3289/

GA27-3148

3289 LINE PRINTER MOD 1, 2 OPERATOR'S REFERENCE SUMMARY
Directed to the operator of the printer and contains reference information needed for routine operation of the IBM 3289 Line Printer Models 1 and 2. A complete listing of status codes is found here, plus other information that is also included in either the 3289 Operator's Guide or the 3289 Error Recovery and Problem Determination Guide.

Other publications that should be available for the operator's use are:

- IBM 3289 Line Printer Models 1 and 2 Operator's Guide, GA27-3147
- IBM 3289 Line Printer Models 1 and 2 Error Recovery and Problem Determination Guide, GA27-3141
- IBM 3289 Line Printer Models 1 and 2 Operator's Trouble Report Form, GX27-2922

Card, 3 5/8 x 8 1/2 inches, 8/78
//03//3289/

GA27-3150

3287 PRINTER OPERATOR GUIDE
This manual describes, for the operator, the basic operating procedures of the IBM 3287 Printer. It contains an introduction, a discussion of the operating controls (lights and switches), and a description of basic functions of the printer.

Manual, 8 1/2 x 11 inches, 72 pages, 1/78
//03//3287/

GA27-3151

3287 PRINTER MODELS 1 AND 2 PROBLEM DETERMINATION GUIDE
This guide has been prepared to help you (the operator) determine the type of problem and how to correct it, when the 3287 Printer, Models 1 and 2, is not operating properly. It is designed to save you time by pointing out possible causes for troubles that you can easily and quickly correct yourself.

The following documents contain related information that may help diagnose problems and recover from error conditions:

- IBM 3287 Printer Operator's Guide, GA27-3150
- IBM 3287 Printer Operator's Trouble Report, GX27-2923
- IBM 3287 Printer Component Description, GA27-3153

Manual, 8 1/2 x 11 inches, 30 pages
//03//3287/

GA27-3153

IBM 3287 PRINTER - COMPONENT DESCRIPTION
This manual describes the IBM 3287 Printer Models 1 and 2. It gives information for customer executives, system analysts, and system engineers who are aware of the intended use of the printer.

Included in this manual are descriptions of the printer's applications, operating characteristics, features, and international considerations.

Manual, 8 1/2 x 11 inches, 60 pages, 1/78
//03//3287/

GA27-3159

3289 LINE PRINTER MODEL 4 OPERATOR GUIDE
This manual is intended for those who need information concerning operation of the printer specified in the title.

Manual, 64 pages, 4/79
4331//03//3289/

GA27-3160

3289 LINE PRINTER MODEL 4 ERROR RECOVERY AND PROBLEM DETERMINATION GUIDE

Directed to the printer operator and describes the procedures to use if an error or breakdown occurs. These procedures will help the operator identify and eliminate the problem and possibly avoid the need to call for assistance.

Subjects in this guide include recognizing errors, responding to status indicators, restarting a job after an error, and requesting maintenance.

When an error occurs, the operator goes to page 1 and follows the flowchart until the problem is found. The operator then corrects the problem or calls for assistance.

Related Publications: Corequisite publications are:

- IBM 3289 Line Printer Model 4 Operator's Guide, GA27-3159
- IBM 3289 Line Printer Model 4 Operator's Trouble Report Form, GX27-2925
- IBM 3289 Line Printer Model 4 Operator's Reference Summary, GA27-3162

Manual, 8 1/2 x 11 inches, 18 pages, 3/79
4331//03//3289/

GA27-3161

3289 LINE PRINTER MODEL 4 SETUP INSTRUCTIONS

These instructions are used by the customer to set up (attach accessories and connect cables) and check out the operation of the IBM 3289 Line Printer Model 4.

Manual, 8 1/2 x 11 inches, 12 pages, 1/79
4331//03//3289/

GA27-3162

3289 LINE PRINTER MODEL 4 OPERATOR'S REFERENCE SUMMARY

Directed to the printer operator and contains reference information needed for routine operation of the IBM 3289 Line Printer Model 4. A complete listing of status codes is found here, plus other information that is also included in either the 3289 Operator's Guide, or the 3289 Error Recovery and Problem Determination Guide.

Related Publications: Corequisite publications are:

- IBM 3289 Line Printer Model 4 Operator's Guide, GA27-3159
- IBM 3289 Line Printer Model 4 Error Recovery and Problem Determination Guide, GA27-3160

Summary, fold to 8 1/2 x 3 5/8 inches, 12 pages, 3/79
4331//03//3289/

GA27-3165

IBM 3776 MODELS 3 AND 4 AND IBM 3777 MODEL 3 COMMUNICATION TERMINALS OPERATOR'S GUIDE

This manual is designed specifically for personnel writing detailed operator procedures for remote job entry (RJE) applications that use the IBM 3776 Models 3 and 4 and the IBM 3777 Model 3 Communication Terminals, and for operators of the terminals. Included are:

- Operating procedures for:
 - Starting up and initializing the terminal for communication with the host processor.
 - Logging on to and logging off from the System Services Control Point (SSCP) in the host processor
 - Sending messages to the host application program
 - Defining, storing, retrieving, and executing cataloged procedures for sending job input to the host processor and for receiving job output at the terminal executing immediate commands for sending and receiving jobs
 - Setting up the input and output devices and recovering from media problems such as card jams
 - Performing data transfers between local input and output devices
- Error Recovery and Problem Identification procedures for the terminal
- Operational comparisons to aid in converting from IBM 3777 Model 2 to IBM 3777 Model 3 terminal operation and converting from IBM 3776 Models 1 and 2/3777

This guide describes the purpose and use of the terminals' controls and operator commands as they apply to all jobs. You can use this manual in preparing a detailed operator procedure (runbook) for a specific remote job entry application.

This manual also contains information describing changes for Multiple Logical Unit (MLU) enhancement.

Manual, 8 1/2 x 11 inches, 4/79
//09//3776,3777/

GA27-3166

IBM 3776 MODELS 3 AND 4; 3777 MODEL 3 COMMUNICATION TERMINAL OPERATOR'S REFERENCE SUMMARY

This reference card contains information that is condensed from the IBM 3776 Models 3 and 4 and IBM 3777 Model 3 Communication Terminal Operator's Guide (GA27-3165), and gives a quick reference to the information needed for the routine operation of the IBM 3776 Models 3 and 4 and IBM 3777 Model 3 Communication Terminals.

Reference Card, 8 1/2 x 18 3/8 folded to 3 5/8 x 8 1/2 inches, 10 panels, 10/78
//09//3776,3777/

GA27-3170

IBM 3774 AND 3775 PROGRAMMABLE COMMUNICATION TERMINALS REFERENCE SUMMARY

This reference summary contains information that is already

included in the IBM 3774 and 3775 Programmable Communication Terminals Operator's Guide, GA27-3154 and provides a quick reference to information needed for routine operation of these terminals. Use the operator's guide if you need more detailed information about terminal operation than is provided in this summary.
Reference card, 3 5/8 x 8 1/2 inches, 12 pages, 6/78
//09//3774,3775/

GA27-3171

IBM 3287 PRINTER SETUP INSTRUCTIONS
These instructions are used by the customer engineer to set up (attach accessories and connect cables) and check out the operation of the IBM 3287 Printer (Models 1 and 2).
Manual, 8 pages, 12/78
//03//3287/

GA27-3174

IBM 3287 PRINTER OPERATOR'S GUIDE FOR TRACTOR/FORMS SEPARATOR RPO MJ3112
This publication describes for the 3287 Printer operator how to install, operate, and remove the IBM 3287 Printer Tractor/Separator (RPO MJ 3112). It also describes how to load and align margin-punched continuous forms on this device.
Manual, 8 1/2 x 11 inches, 21 pages, 10/78
//14//3287/

GA27-3176

3289 LINE PRINTER MODELS 1 AND 2 COMPONENT DESCRIPTION
Presents introductory and reference information about the IBM 3289 Line Printer Models 1 and 2. The 3289 connects to an IBM 3270 Information Display System through an IBM 3274 Control Unit or an IBM 3276 Control Unit/Display Station. Model 1 has a maximum print speed of 155 lines per minute and Model 2 has a maximum print speed of 400 lines per minute.
Describes the capabilities and functions of the 3289 Printer for those concerned with planning a new system or integrating a Model 1 or Model 2 into an existing system. It also provides information needed by those who write detailed operating procedures for the printer.
It is assumed that the reader of this manual understands the concepts and applications of the IBM 3270 Information Display System. Information about 3270 publications can be found in the publication IBM System/370 Bibliography, GC20-0001.
Chapter 1 contains general information about configurations and basic characteristics of the Model 1 and Model 2 printer. Chapter 2 explains operating controls and characteristics including modes of operation and how to handle abnormal conditions. Chapter 3 contains programming information including the control codes for each mode of printing. The appendixes describe code charts, character sets, throughput controlling factors, and the printer control information area (PCIA).
Manual, 8 1/2 x 11 inches, 75 pages, 12/78
//03//3289/

GA27-3177

3289 LINE PRINTER MODEL 4 COMPONENT DESCRIPTION
Presents introductory and reference information about the IBM 3289 Line Printer Model 4. The 3289 connects to a 4331 Processor through a coaxial cable and has a maximum print speed of 400 lines per minute.
This publication describes the capabilities and functions of the 3289 for those concerned with planning a new system or integrating a Model 4 into an existing system. It also provides information needed by those who write detailed operating procedures for the 3289.
It is assumed that the reader of this manual understands the concepts and applications of the IBM 4331 Processor.
Chapter 1 contains general information about configurations and basic characteristics of the Model 4 printer. Chapter 2 explains operating controls and status codes. Chapter 3 contains programming information, including printer commands, forms control buffer, status and sense information, and error recovery information.
Appendixes A through D describe code charts, character sets, a summary of sense bytes, and throughput controlling factors.
Related Publications: The 3289 Line Printer Model 4 Operator's Guide, GA27-3159 is available for those who operate the 3289 or who write its detailed operating procedures.
Manual, 8 1/2 x 11 inches, 50 pages, 3/79
4331//03//3289/

GA27-3178

USER'S GUIDE FOR THE 3278 MODEL 2 DISPLAY ATTACHMENT TO THE IBM 3774 PROGRAMMABLE COMMUNICATION TERMINAL RPO EJ2657
This publication describes the IBM 3278 Model 2 Display Attachment to the IBM 3774 Programmable Communication Terminal (RPO EJ2657). Major subjects include, (1) 3278 operator controls, (2) the differences in operation and programming of the 3774 needed to accommodate the 3278, and (3) problem determination procedures for the 3278.
Manual, 30 pages, 10/78
//14//3774/

GA27-3198

3289 PRINTER MODEL 4 SITE PREPARATION GUIDE
This manual is a guide for the user to plan for the physical installation of IBM 3289 Model 4 Printer. The contents include information to:
• plan the physical location and surrounding environment for the 3289-4 printer
• plan the power necessary to install 3289-4 printers, including plug and receptacle information
• plan and order the cables necessary to attach the 3289-4 printer to processor units
Manual, 8 1/2 x 11 inches, 28 pages, 2/79
4331//15//3289/

GA32-0006

TAPE REQUIREMENTS FOR IBM ONE-HALF INCH TAPE UNITS AT: 556, 800, 1600 and 6250 EPI
This manual provides the specifications and requirements for magnetic tape to be used on IEM Tape Drives. The specifications are presented in two parts: General Information and Tape Properties Essential for IEM Tape Drive Use. The latter section covers minimum properties required for tape use on all IEM Tape Drives.
Manual, 11 pages
//05//2401,2402,2403,2404,2415,2420,3410,3411,3420,8809/

GA32-0007

COMPONENT DESCRIPTION IBM 2420 MODEL 5 MAGNETIC TAPE UNIT
This bulletin describes the characteristics, functions, and features of the IBM 2420 Model 5 Magnetic Tape Unit. Systems Reference Library Manual, 12 pages
//05//2420/

GA32-0020

3803/3420 MAGNETIC TAPE SUBSYSTEMS
This manual describes the IEM 3803 Model 1 Tape Control and the IEM 3420 Models 3, 5, and 7 Magnetic Tape Units. The 3803 Model 1 tape control provides communication between the tape units and the system input/output interface. The 3420 Models 3, 5, and 7 tape units read and write one-half inch magnetic tape at 75, 125, and 200 inches per second respectively. All three basic tape units read and write nine-track, 1,600 bytes per inch (bpi), phase-encoded format. Nine-track, 800 bpi NRZI recording mode is available as a feature on all models. Seven-track, 556/800 bpi NRZI recording mode is an optional feature on all models.
Readers should be familiar with the contents of IEM SYSTEM/360 PRINCIPLES OF OPERATION, Form GA22-6821 (sections on input/output operations). System/370 users should also refer to IEM SYSTEM/370 PRINCIPLES OF OPERATION, Form GA22-7000.
Systems Reference Library Manual, 32 pages
//05//3803,3420/

GA32-0021

IEM 3803-2/3420 MAGNETIC TAPE SUBSYSTEMS SUBSYSTEM DESCRIPTION
This manual describes the IEM 3803 Model 2 Tape Control and the IEM 3420 Models 3 through 8 Magnetic Tape Units. The 3803 Model 2 Tape Control provides communication between the tape units and the system input/output interface.
The 3420 Models 3/4, 5/6, and 7/8 read and write one-half inch magnetic tape at 75, 125, and 200 inches per second respectively. The 3420 Models 4, 6, and 8 read and write 9-track 6,250 bytes per inch (bpi) group coded recording (GCR) format.
The basic 3420 Models 3, 5, and 7 read and write nine track, 1,600 bpi, phase-encoded format. Nine track, 800 bpi NRZI recording mode and seven-track 800/556/200 bpi NRZI recording mode are available as features on the 3420 Models 3, 5, and 7 and on the 3803 Model 2.
A reader should be familiar with IEM System/360 Principles of Operation, GA22-6821 (section on I/O operations) and IEM System/370 Principles of Operation, GA22-7000 (section on I/O Operations).
Manual, 60 pages
//05//3803,3420/

GA32-0022

IBM 3410/3411 MAGNETIC TAPE SUBSYSTEM COMPONENT DESCRIPTION MANUAL
This manual describes the IEM 3410/3411 Magnetic Tape Subsystem, Models 1, 2, and 3. In most instances, operational descriptions are limited to the channel and command level. Operations common to all I/C devices are described in IEM System/360 Principles of Operation, Form GA22-6821, and IEM System/370 Principles of Operation, Form GA22-7000.
Subjects covered include keys and lights, tape handling procedures, status and sense information, and error recovery procedures.
Systems Programmers who are writing programs for magnetic tape
Systems engineers who are planning installation using magnetic tape
Sales personnel
Manual, 44 pages
//05//3410,3411/

GA32-0023

IBM 3803/3420 CUSTOMER CONVERSION GUIDE

This document guides the IBM marketing representative and the IBM customer in planning a field conversion of 3803-1 and 3420-3, 5, 7 tape subsystems to 3803-2 and 3420-4, 6, 8 (6250 bpi) tape subsystems.

Notify the IBM Field Engineering representative early in the planning stages of the conversion. An early conference with him should be helpful to both of you.

Manual, 16 pages
360,370//05//3803,3420/

GA32-0031

3850 DATA CARTRIDGE CARE AND HANDLING INSTRUCTIONS

This manual is intended for anyone who handles the IBM 3850 Data Cartridge. The manual describes the operating and storage environment, the receiving and shipping of cartridges, and how to inspect for physical damage to the cartridge.

Manual
//07//3850,3851/

GA32-0035

3850 MASS STORAGE SYSTEM MSS OP

No abstract available.

Manual
//07//3850,3851/

GA32-0036

IBM 3850 MASS STORAGE SYSTEM (MSS) PRINCIPLES OF OPERATION: REFERENCE

This publication is a reference manual. It contains no theory information and assumes that the reader is familiar with the Mass Storage System. It contains information about the commands and orders issued to a Mass Storage System, the mass storage control table formats, and the staging adapter table formats. The purpose of this publication is to provide the reader with information that is useful for problem determination and system tuning.

Manual, 8 1/2 x 11 inches
//07//3850,3851/

GA32-0037

IBM 3850 MASS STORAGE SYSTEM (MSS) SENSE INFORMATION

This publication is a guide for the interpretation and description of Mass Storage System Sense Information. A general description section explains the collection and use of sense information. Other sections show all Mass Storage System Sense Information in tables, called formats; each format has descriptions of the bits in the format. The information in this publication is directed to the IBM customer engineer and the program support representative. The system programmer can use the publication for recovery purposes.

Manual, 8 1/2 x 11 inches
//07//3850,3851/

GA32-0038

3850 MASS STORAGE SYSTEM (MSS) INTRODUCTION AND PREINSTALLATION PLANNING

This publication contains general information describing the physical characteristics of the IBM 3850 Mass Storage System (MSS), and a general description of the programming support provided for the Mass Storage System by OS/VS1 and OS/VS2. This publication provides you with an introductory knowledge of the Mass Storage System and also provides you with preinstallation planning information. The information in this publication is directed toward data processing managers, space managers, and system programmers.

Manual, 8 1/2 x 11 inches
//07//3850,3851/

GA32-0039

IBM INPUT/OUTPUT DEVICE SUMMARY

This manual describes IBM input/output devices and systems that can be attached to a channel for local operation as part of System/370.

Manual, 8 1/2 x 11 inches, 80 pages, 9/78
370//00//

GA33-0001

IBM 3875 MODEM USER'S GUIDE

In this publication the 3875 Modem is described, and interface details, installation planning, and operating and operator maintenance procedures are given. Differences between operation in the USA and other countries are described in the appropriate parts of the publication, and a summary is given in an appendix.

The content is intended for:

- o Systems Engineers
- o Installation Planning Engineers
- o Operators

The information for systems engineers presupposes a knowledge of teleprocessing, but the information for installation planning engineers and operators requires no such understanding.

Manual, 78 pages, 6/76
//09//3875/

GA33-0002

IBM 3874 MODEM USER'S GUIDE

This publication is primarily intended for system planners, operators, systems engineers, installation planners and supervisory personnel. It is also required for its operating procedures by IBM customer engineers who must maintain the IBM 3874 Modem.

The publication describes the 3874 Modem, which can operate on non-switched and switched lines at a speed of 4800 or 2400 EPS and is in four main parts:

- Part 1 describes (in general terms) the 3874, with planning and equipment considerations
- Part 2 shows the operator controls and gives the operating and operator maintenance procedures
- Part 3 describes (in detail) the 3874 giving functional description, interface specifications, strapping options, physical installation specifications, and communication channel specifications.
- Part 4 summarizes counting differences, gives abstracts from the communication channel specifications, and describes switched network back-up operation with ETAM.

The information for Part 3 for systems engineers presupposes a knowledge of teleprocessing, but the information for installation planning engineers and operators requires no such understanding.

Manual, 8 1/2 x 11 inches, 102 pages, 4/77
//09//3874/

GA33-1506

IBM SYSTEM/370 MODEL 125 FUNCTIONAL CHARACTERISTICS

This manual contains information on the operations that can be performed on the System/370 Model 125, including channel and I/O operations.

The Model 125 is a general purpose data processing system, controlled from a central processing unit, with a direct attachment for disk drives as a standard feature. It can be equipped with a multiplexer channel and with integrated attachments and adapters for magnetic tape units, card I/O devices, a printer, and teleprocessing devices.

The manual describes the basic architecture and features of the central processing unit, and the channel characteristics.

The intended readership consists mainly of systems analysts evaluating the capabilities of the Model 125 in terms of its manual and program operations, and of system programmers writing channel programs or operating systems for the Model 125. The manual is only of limited use to application programmers because it contains little information related to programming languages.

The first main section of the publications, "System Control," describes the architectural features such as the program status word control registers, and fixed areas in main storage, and gives details of mode selection and other manual operations. The second main section describes the channel characteristics, and specifies the commands, status and sense information of the natively-attached I/O devices. A separate chapter describes the teleprocessing attachment. Instruction timings are listed in an appendix.

Prerequisite Publications:

IBM System/370 System Summary, GA22-7001
IBM System/360 Principles of Operation, GA22-6821
IBM System/370 Principles of Operation, GA22-7000

Manual, 370 pages
3125//01//

GA33-1507

IBM SYSTEM/370 MODEL 125 CONFIGURATOR

This configurator is a table showing the models, features, and attachments for the System/360 Model 125 central processing unit. It is intended to be used by IBM Marketing representatives, IBM System engineers, or customer systems evaluation management.

Associated publications are:

IBM System/370 Input/Output Configurator - GA22-7002
IBM 3125 Processing Unit Integrated Communications Adapter: Configurator - GA33-1508

Systems Library Manual, 8 pages
3125//00//

GA33-1508

IBM 3125 PROCESSING UNIT INTEGRATED COMMUNICATIONS ADAPTER: CONFIGURATOR MANUAL

System/370-125 Integrated Communications Adapter Configurator consists of a number of text pages and overlays to be used when selecting a System/370 Model 125 teleprocessing configuration. The system/370 Model 125 Integrated Communications Adapter is a teleprocessing attachment that can serve up to six binary synchronous lines and up to sixteen start/stop (asynchronous) lines. The publication is intended to be used by IBM marketing representatives, or experienced customer personnel, when detailed information is required about line speeds, interface types, line control types load factors and the line adapters and their interrelationship. Feature and specified codes are also given for ordering purposes.

Textbook, 54 pages, 40 acetate overlays
3125/C/00//

GA33-1509

OPERATOR'S LIBRARY: SYSTEM/370 MODEL 125 PROCEDURES
This manual is intended for operating personnel using the System/370 Model 125.

The manual is divided into four sections: The Introduction, The Operation Console, Operation Actions and the Appendix. The section on the operator console describes the hardware and the facilities available for the manual control of the system. The section on the operator actions describes how the facilities are used, how to handle unexpected situations, and how to recover from a fault. The appendix provides reference information for the handling of I/O devices that can be directly attached (no control unit or channel is needed) to the Model 125. Restart procedures for the 2560 multifunction Card Machine, attached directly to the Model 125, are also given.
Manual, 120 pages
3125//01///

GA33-1510

IBM SYSTEM/370 MODEL 115 FUNCTIONAL CHARACTERISTICS
This publication describes the characteristics of the IBM System/370 Model 115, including the central processing unit, multiplexer channel, direct disk attachment, and the integrated attachments and adapters for other input/output devices.
Its main purpose is to give systems analysts an understanding of the structure, features, and operations of the system. The manual also provides system programmers with information which is essential when writing and maintaining channel programs and operating systems for the System/370 Model 115.

In the six chapters of the manual, the characteristics of the Model 115 are described in terms of:

1. The basic system structure
2. Main storage addressing
3. The operations which can be performed and the means of manual and program control.
4. Compatibility features
5. The commands, status and sense information for input/output devices attached other than through the multiplexer channel.
6. The characteristics of the integrated communications adapter.

Appendixes A, B, and C provide (respectively) code tables for the integrated communications adapter, instruction timings, and an example procedure for conversion from 2311 Model 15 to a 3340 disk subsystem. Appendix D gives some information on magnetic tape unit compatibility. Appendix E gives definitions of the abbreviations and special terms used in this manual.

The reader is assumed to be conversant with the IBM System/370 installation sets, data formats, channel operations, and basic programming concepts such as status switching and interruption.

Prerequisite Reading

IBM System/370 System Summary, GA22-7001
IBM System/370 Principles of Operation, GA22-7000
Manual, Systems Library, 286 pages
3115//01///

GA33-1511

IBM SYSTEM/370 MODEL 115 CONFIGURATOR
This configurator is intended for sales personnel, systems engineers and customer systems evaluation management. This configurator provides a concise graphic description of the Model 115 with standard and optical features, as well as all possible configurations of I/O devices which can be directly attached to the Model 115.
Manual
3115//00///

GA33-1512

IBM SYSTEM/370 MODEL 125 CHANNEL CHARACTERISTICS
This manual describes how the effects of imposing loads on the channels of the IBM System/370 Model 125 can be checked. The book is intended for physical planning engineers and systems analysts who wish to check that a proposed configuration of input/output devices will work satisfactorily in the System/370 Model 125.

The manual is divided into four sections. Section one describes the channels in terms of type, theoretical data rates, and the effects of loading. Section two describes how to test for data overrun, and how to assign priorities to devices on the byte multiplexer channel. Section three describes how the interference of the activities of the channels with the IPU can be assessed. Section four describes the concept of channel utilization.

Before using this manual the reader should understand input/output operations for the Model 125 as described in:

IBM System/370 Model 125 Functional Characteristics, GA33-1506
IBM System/370 Principles of Operation, GA22-6821
IBM System/370 Principles of Operation, GA22-7000
Manual, 36 pages
3125//01///

GA33-1513

IBM 3115 PROCESSING UNIT INTEGRATED COMMUNICATIONS ADAPTER CONFIGURATOR
Consists of a number of text pages and overlays to be used

when selecting a System/370 Model 115 teleprocessing configuration. The System/370 Model 115 Integrated Communications Adapter is a teleprocessing attachment that can serve up to five binary synchronous lines and up to eight start/stop (asynchronous) lines. The publication is intended to be used by IBM marketing representatives, or experienced customer personnel, when detailed information is required about line speeds, interface types, line control types load factors and the line adapters and their interrelationship. Feature and specified codes are also given for ordering purposes.

Manual
3115//00///

GA33-1514

OPERATOR'S LIBRARY SYSTEM/370 MODEL 115 PROCEDURES
This manual provides operating and reference information for operators of the IBM System/370 Model 115. The reader is assumed to have a working knowledge of Introduction to IBM Data Processing Systems, GC20-1684, and some previous operating experience on either a similar system or on related data processing equipment.

This manual describes how to operate the system hardware of the IBM 3115 Processing Unit.

The manual is divided into:

1. Preliminary information, including action to be taken in an emergency.
2. "Introduction", which briefly describes the system.
3. "Facilities," which describes the operator console, keyboard and video display screen.
4. "Actions," which describes the preparation of the system for operation, and the handling of unexpected situations which may occur during preparation and operation.
5. "Appendix," which provides:
 - a. Reference information on the:
 - o Direct disk attachment
 - o Magnetic tape adapter
 - o Integrated communications adapter
 - o Integrated console printer attachment
 - o Integrated printer attachment
 - o Integrated card I/C attachment.
 - b. Restart Procedures for the IBM 2560 Multi-Function Card Machine (MFCM) and the IBM 5425 Multi-Function Card Unit (MFCU).
 - c. A description of the choices on the "Line Modes for ICA" displays.
 - d. Conversion tables.
6. A glossary, bibliography, and index.
Systems Library manual, 130 pages
3115//01///

GA33-1515

IBM 3203 PRINTER COMPONENT DESCRIPTION AND OPERATOR'S GUIDE
This publication provides reference information for the users of the IBM 3203 Printer. It is written mainly for the benefit of system planners, programmers and operators, but is also of interest to system supervisors and engineers. The publication provides a general introduction to the 3203, its components, method of operation, and requirements; and explains the various operating procedures. The chapter "Programming Information" is provided for users of the 3203 Models 1 and 2, which are attachable to System/370 Models 115 and 125. For information on the programming of 3203 Model 3, attachable to the IBM 3777 Data System, see IBM 3770 Communication System Programmer's Guide, GC30-3028.

A section on printer throughput is included for system analysts who wish to calculate the performance of the machine. A separate chapter covers the requirements and procedures for producing printed output that can be processed by optical character readers.

The publication contains three appendixes:

- Appendix A: Extended Binary Coded Decimal Interchange Code
- Appendix B: 3203 Sense Byte Summary
- Appendix C: Abbreviations

The reader should be familiar with the system to which the printer is attached. For system and programming information refer to publications listed in the bibliography for the system.

Prerequisite Publications:

For programmers: IBM System/370 Principles of Operation, Order No. GA22-7000.
Manual, 76 pages, 7/76
//03//3203/

GA33-1516

IBM SYSTEM/370 MODEL 115 CHANNEL CHARACTERISTICS
This manual describes how the effects of imposing loads on the channels of the IBM System/370 Model 115 can be checked. The book is intended for physical planning engineers and systems analysts who wish to check that a proposed configuration of input/output (I/O) devices will work satisfactorily in the System/370 Model 115.

The first section of the book describes the types of channels to which I/O devices can be connected, the theoretical data rates of the channels, and the possible effects of imposing heavy I/O loads on those channels. The effects considered are: data overrun, loss of device performance, channel interference with the machine instruction processor (MIP), program overrun, and excessive channel utilization.

The second section gives the procedures for testing data overrun on the byte-multiplexer channel. This section also

includes a description of how to assign priorities to devices on the byte-multiplexer channel.

The third section deals with interference with the MIP that is caused by activities on the channels, and describes how the interference can be assessed. The same section also shows how to check for the possibility of program overrun.

The fourth section describes the concept of channel utilization.

Before using this manual, the reader should have a thorough understanding of input/output operations for the Model 115 as described in: IBM System/370 Model 115 Functional Characteristics, GA33-1510. IBM System/370 Principles of Operation, GA22-7000.

When calculating for data overrun on the byte multiplexer channel, a special worksheet is required: IBM System/370 Model 115 Byte-Multiplexer Channel: Load Sum Worksheet GX33-6007, available in pads of 50. System library manual, 44 pages 3115//01///

GA33-1519

IBM 3203 PRINTER REFERENCE SUMMARY FOR OPERATORS

Provides quick reference information for operators on 3203 Printer, which can be attached to the System/370 Models 115 and 125.

Consists of extract from GA33-1515 and describes forms loading procedure, operator controls, stacker settings, keys, lights and switches, and correction of forms jam. In handy pocket format for use at the machine. Reference Card, 2 sides 18-1/8 x 8-1/2 inch, 10 panels //03//3203/

GA33-1520

SYSTEM/370 MODEL 115 CHANNEL CHARACTERISTICS FOR SYSTEMS WITH IBM 3115-2 PROCESSING UNIT

This manual describes how to check the effects of imposing loads on the channels of an IBM 3115-2 Processing Unit in an IBM System/370 Model 115. The book is intended for physical planning engineers and systems analysts who wish to check that a proposed configuration of input/output (I/O) devices will work satisfactorily in the System/370 Model 115.

The first section of the book describes the types of channels to which I/O devices can be connected, the theoretical data rates of the channels, and the possible effects of imposing heavy I/O loads on those channels. The effects considered are: data overrun, loss of device performance, channel interference with the instruction processing unit (IPU), program overrun, and excessive channel utilization.

The second section gives the procedures for testing data overrun on the byte-multiplexer channel. This section also includes a description of how to assign priorities to devices on the byte-multiplexer channel.

The third section deals with interference with the IPU that is caused by activities on the channels, and describes how the interference can be assessed. The same section also shows how to check for the possibility of program overrun.

The fourth section describes the concept of channel utilization.

Before using this manual, the reader should have a thorough understanding of input/output operations for the 3115-2 as described in:

IBM System/370 Model 115 Functional Characteristics, GA33-1510,

IBM System/370 Principles of Operation, GA22-7000.

Detailed information on the standard I/O interface is given in IBM System/360 and System/370 I/O Interface Channel to Control Unit, Original Equipment Manufacturer's Information, GA22-6974.

When calculating for data overrun on the byte-multiplexer channel, a special worksheet is required: IBM System/370 Model 115 Byte-Multiplexer Channel: Load Sum Worksheet, GX33-6007, available in pads of 50, or an equivalent worksheet from a System/360 machine may be used. Manual, 44 pages, 8/76 3115//01///

GA33-1521

IBM 3203 MODEL 3 PRINTER REFERENCE SUMMARY FOR OPERATIONS

Provides quick reference information for operators on 3203 Printer Model 3, which can be attached to the IBM 3777 Communication Terminal. Consists of extract from GA33-1515 and describes forms loading procedure, operator controls, stacker settings, keys, lights and switches, and correction of forms jam.

In handy pocket format for use at the machine. Reference summary, 2 sides, 18-1/8"x8-1/2", 10 panels //03//3777/

GA33-1523

4300 PROCESSORS SUMMARY AND INPUT/OUTPUT AND DATA COMMUNICATIONS CONFIGURATOR

This publication is intended to give a general understanding of the IBM 4300 Processors. It is divided into five sections:

. Sections 1 to 3 explain the concepts of the processors and give an overview of their structure and most important features.

. Section 4 describes the individual 4300 Processors.

. Section 5 presents the input/output and data communications configurator for the 4300 Processors. Because each section is built on information presented in preceding sections, it is preferable to read the sections in

the order of presentation. A basic knowledge of data processing systems, such as given in the Introduction to IBM Processing Systems, GC20-1684, is assumed. Manual, 78 pages, 1/79 4331,4341//00///

GA33-1525

IBM 4331 OPERATING PROCEDURES AND PROBLEM DETERMINATION GUIDE

This manual describes how to operate the IBM 4331 Processor. You are assumed to have a knowledge of Introduction to IBM Data Processing Systems, GC20-1684, and some experience in operating a similar computer system.

- The section "Communicating with the System" describes the parts of the IBM 4331 Processor that you need to know about in order to be able to communicate with, and control the system. It describes the operator console and related facilities.
- The section "Procedures" explains how to operate the IBM 4331 Processor.

Manual, 8 1/2 x 11 inches, 114 pgs, 4/79 4331//01///

GA33-1526

4331 FUNCTIONAL CHARACTERISTICS

The characteristics of the IBM 4331 Processor with its I/O adapters and standard channels are described in this publication for the use of system analysts and programmers.

The reader is assumed to have a working knowledge of the IBM 4300 Processors Principles of Operation for ECFB:VSE Mode, Order No. GA22-7070, and the IBM System/370 Principles of Operation, GA22-7000, and to have had programming experience with System/360, System/370, or other 4300 Processors.

The main chapters of the manual cover:

- Introduction and structure of the 4331 Processor
- I/C and data communication characteristics
- Model-dependent information
- Compatibility features

Manual, 8 1/2 x 11 inches, 194 pages, 3/79 4331//01///

GA33-1527

4331 PROCESSOR, CHANNEL CHARACTERISTICS

This manual describes how the effects of imposing loads on the channels of the IBM 4331 processor can be checked. The book is intended for physical planning engineers and systems analysts who wish to check that a proposed configuration of input/output (I/O) devices will work satisfactorily in the IBM 4331 processor.

Manual, 8 1/2 x 11 inches, 138 pages, 2/79 4331//01///

GA33-1528

4331 PROCESSOR, COMPATIBILITY FEATURES

This publication is provided mainly for users of the System/360 and System/370 with attached IBM 2311 or IBM 2314 disk devices, who wish to transfer their current DCS release to the IBM 4331 processor for operation by disk devices with fixed block architecture. The publication also contains information for 1401/1440/1460-Series users who are transferring programs to the 4331 Processor.

The two chapters of the manual are:

- 1) 2311/2314 emulated on the IBM 3310 Direct Access Storage.
- 2) 1401/1440/1460 emulated on the IBM 4331 Processor.

Manual, 8 1/2 x 11 inches 4331//13//2311,2314,1401,1440,1460/

GA33-1529

3203 PRINTER MODEL 5 COMPONENT DESCRIPTION AND OPERATOR'S GUIDE

This publication provides reference and operating information for users of the IBM 3203 Model 5 Printer. It is written mainly for system planners, programmers, and operators, but may also be of interest to system supervisors and engineers. The publication provides a general introduction to the 3203 Model 5 and explains the operating procedures. The Programming Information section describes the commands used to control the printer, the status and sense information returned to the system, and the error recovery procedures.

Manual, 8 1/2 x 11 inches, 102 pages, 1/79 370,4331,4341//03//3203/

GA33-1531

3203 PRINTER MODEL 5 REFERENCE SUMMARY FOR OPERATORS

This publication contains operating information for operators of the 3203-5 printer. Information herein is extended from the 3203 Component Description and Operator's Guide, GA33-1529.

Reference card 3-5/8 x 8-1/2 inches, 12 panels, 4/79 370,4331,4341//03//3203/

GA33-1532

IBM 4331 PROCESSOR CHANNEL LOAD SUMMARY WORKSHEET

This form is provided for use when calculating the channel load on the IBM 4331 Processor. Use of this form is explained in detail in the IBM 4331 Processor Channel Characteristics; Form GA33-1527.

Form, 2/79

GA33-3005

IBM SYSTEM/370 MODEL 135 FUNCTIONAL CHARACTERISTICS
This publication describes the capabilities, input/output channels, integrated adapters (printer, file, and communications), features (including the 2314/3340 Compatibility feature), and operations of the IBM System/370 Model 135. This information includes the relationship of the IBM System/370 Model 135 to the IBM System/360. This publication is intended for users and potential users such as system analysts and programmers of the System/370 Model 135. The reader is assumed to have a working knowledge of IBM System/370 Principles of Operation (GA22-7000) and IBM System/370 System Summary (GA22-7001).
Manual, 99 pages
3135//01///

GA33-3007

SYSTEM/370 MODEL 135 TERMINAL ADAPTER TYPE I MODEL II (FOR ICA): SPECIAL FEATURE DESCRIPTION SYSTEM LIBRARY MANUAL
This manual provides information for writing channel programs for the Terminal Adapter Type I Model II subfeature in the Integrated Communications Adapter (ICA) base feature of the IBM System/370 Model 135.

The manual is intended for applications programmers who use the assembler language and who are familiar with input/output programming as described in IBM System/360 Principles of Operation (GA22-6821) and IBM System/370 Principles of Operation (GA22-7000).

The Terminal Adapter Type I Model II subfeature covered by this manual allows the Model 135 to communicate with remote start/stop terminals such as the IBM 1050 Data Communications Terminals, and IBM System/7.

The first section of the manual outlines the relationship of the ICA to the CPU main storage and to the external communication link. Subsequent sections give details of transmission codes, methods of error detection, special characters, status and sense information, and communication procedures. Appendixes give information about the particular requirements of the remote devices.
Manual, 56 pages
3135//13///

GA33-3008

IBM SYSTEM/370 MODEL 135 TERMINAL ADAPTER TYPE III FOR ICA: SPECIAL FEATURE DESCRIPTION
This manual provides information for writing channel programs for the Terminal Adapter Type III subfeature in the integrated communications adapter (ICA) base feature of the IBM System/370 Model 135.

The manual is intended for applications programmers who use assembler language and who are familiar with input/output programming as described in IBM System/360 Principles of Operation (GA22-6821) and IBM System/370 Principles of Operation (GA22-7000).

The Terminal Adapter Type III subfeature allows the Model 135 to communicate with remotely sited IBM 2260 or 2265 Display Stations, via IBM 2848 or 2845 Display Controls, respectively.

The first section of the manual outlines the relationship of the ICA to the CPU main storage and to the external communication link. Subsequent sections give details of transmission codes, methods of error detection, special characters, commands, status and sense information, and communication procedures.
System Library Manual, 36 pages
3135//13///

GA33-3009

SYSTEM/370 MODEL 135 SYNCHRONOUS DATA ADAPTER TYPE II (FOR ICA): SPECIAL FEATURE DESCRIPTION
This manual provides reference information for programmers writing channel programs for the Synchronous Data Adapter Type II subfeature in the Integrated Communication Adapter (ICA) feature of the IBM System/370 Model 135.

The Synchronous Data Adapter Type II subfeature allows the Model 135 to communicate with other processing systems and terminals that operate under binary synchronous communications procedures.

The manual is intended for applications programmers who use assembler language and who are familiar with input/output programming as described in IBM System/360 Principles of Operation (GA22-6821) and IBM System/370 Principles of Operation (GA22-7000). The reader should also be familiar with the basic principles of binary synchronous communications, such as is given in General Information - Binary Synchronous Communications (GA27-3004).

The first section of the manual outlines the relationship of the ICA to the CPU main storage and to the external communication link; the second section summarizes the principles of binary synchronous communications. Subsequent sections give details of the transmission codes used in the Synchronous Data Adapter Type II, the error detection methods used, control characters, commands, status and sense information, and operations of the adapter.
Manual, 64 pages
3135//13///

GA33-3010

IBM SYSTEM/370 MODEL 135 CHANNEL CHARACTERISTICS
This manual provides information needed for checking that a proposed configuration of I/O devices on the channels of IBM System/370 will work satisfactorily. The book is intended

for use in systems assurance work at the planning stage.

Procedures with examples are given for testing the effects of imposing heavy loads on the Model 135 channels. The effects covered are: data overrun, loss of device performance, channel interference with the CPU, program overrun, and excessive channel utilization.

Additional but related topics covered in the book are: (1) priority sequence of devices on the byte-multiplexer channel (with examples that include the 1419 Magnetic Character Reader with expanded capability); (2) the effects of block-multiplexing on channel busy time and percentage channel utilization; and (3) channel programming conventions, upon which the validity of test procedures in the book is based.

Prerequisite Publications

The reader must be familiar with System/370 input/output operations as presented in:

IBM System/360 Principles of Operation GA22-6821
IBM System/370 Principles of Operation GA22-7000
IBM System/370 Model 135 Functional Characteristics GA33-3005

IBM System/360 and System/370 Interface Channel Unit Original Equipment Manufacturers Information GA22-6974.
For testing data overrun on the byte-multiplexer channel, the following special worksheet is required: IBM System/370 Model 135 and Model 138 Byte-Multiplexer Channel: Load Sur Worksheet, GX33-6004.
Manual, 8 1/2 x 11 inches, 110 pgs
3135//01///

GA33-3011

IBM SYSTEM/370 MODEL 135 - TELEGRAPH ADAPTER TYPE II (FOR ICA): SPECIAL FEATURE DESCRIPTION MANUAL

This manual is primarily for communication programmers who wish to write their own channel programs for the Telegraph Adapter Type II feature. The manual will also be of interest to programmers who intend to use programs that are available from IBM. The Telegraph Adapter Type II feature (available in USA only) is one of the optional subfeatures in the integrated communications adapter (ICA) feature of the IBM 3135 Processing Unit. The subfeature allows the IBM System/370 Model 135 to communicate with remote teletypewriter-exchange-service (TWX) terminals, Models 33 & 35.

The first section of the manual outlines the relationship of the ICA to the main storage of the 3135 Processing Unit and to the external communication link; the section also gives input/output programming information. The remaining sections of the manual apply solely to the Telegraph Adapter Type II feature and give the programmer details of: Transmission codes, Methods of error detection, Control characters, commands, status and sense information, communication procedures and line monitoring.

An appendix give the TWX code structure for the remote devices.
Manual, 30 pages
3135//13///

GA33-3014

IBM SYSTEM/370 MODEL 135 CONFIGURATOR

This publication lists the standard, optional, and selective features of the IBM System/370 Model 135, and describes how these features attach to the System/370 Model 135. Details of feature numbers, prerequisite features, programming support, and control storage requirements are also given.

This configurator is intended for IBM marketing personnel, and for customer systems planners; that is, it is intended for readers who are involved with planning Model 135 system configurators and who need to know how the features and combinations of features can be attached to the Model 135. To make the best use of this configurator, the reader should be familiar with the information in IBM System/370 Model 135 Functional Characteristics.

This configurator lists the Model 135 features under the following general headings:

- o standard, optional, and selective features
- o instruction sets
- o channels
- o integrated adapters

Manual, 44 pages
3135//00///

GA33-3015

REFERENCE MANUAL FOR IBM 5985 COLOR DISPLAY CONTROL UNIT MODEL H02 AND IBM 5941 DISPLAY CONSOLE, MODEL H02 (SEE ABSTRACT FOR REFS)

U.S.A. Canada: RFGS Y94176 and 7H0014. Other countries: RFGS 7H0020 and 7H0023. Provides reference information for operating and programming the color display subsystem, which attaches to IBM System/370. The subsystem displays text and graphic data on color television monitors that are provided by the user.

The manual has two sections. The first section describes the operation of the keys, pushbuttons and lights of the 5941-H02 Display Console, and gives corrective actions to be taken in unexpected situations. It is intended for operators who have a working knowledge of Introduction to IBM IIA Processing Systems, GL20-1684.

The second section, which is for programmers, describes how to generate a character set, manipulate the information on the screen, control some of the lights on the display console for operator guidance and simulate messages from the display console to check its operation. The commands and the status and sense information

are described for both local (channel-attached) and remote (BSC) control units.
For a local control unit, the programmers is assumed to be familiar with channel programming for System/370.
For a remote control unit, the programmer is assumed to be familiar with General Information Binary Synchronous Communications, GA27-3004.

Transmission codes for a remote control unit are described briefly.

Appendix A contains physical planning information, Dimensions, service areas, and user supplied cables are specified for the display console and control unit.

Appendix B lists the RPQ numbers that must be quoted in an order for the color display subsystem and its optional features; and shows possible configurations of the subsystem components.

SYSTEM LIBRARY MANUAL, 50 PAGES, 3/75
//14//5985,5941/

GA33-3016

IBM 3740 DATA ENTRY SYSTEM SPECIAL SELF-CHECK NUMBER DEVICE
CUSTOM UNIT DESCRIPTION

This publication describes the Self-Check Number Device Special Arithmetic feature which is available on the IBM 3741 Data Station, Models 1 and 2, and the IBM 3742 Dual Data Station. The feature implements many special algorithms by utilizing the modulus 11 program field definition characters.

For U.S. and Canada: RPQs WE0408 (3742) and 207465 (3741)

For other countries: X10260 (3741/3742)
Systems Library manual, 28 pages
//14//3741,3742/

GA33-3035

AN INTRODUCTION TO THE IBM 3250 GRAPHICS DISPLAY SYSTEM

This publication provides introductory information about the IBM 3250 Graphics Display System. The information addresses (1) the graphics functions of the 3250 Graphics Display System; (2) the units of the 3250 system; (3) attachment to a System/370; (4) performance considerations; (5) programming support; (6) conversion of 2250 Display Unit Model 33 applications to use the 3250 system; (7) introductory installation planning information.

This publication is intended for customer executives, data processing managers, system programmers, and programmers of graphics applications.

Manual, 8 1/2 x 11 inches, 62 pgs, 11/77
//06//3250,3258/

GA33-3036

IBM 3250 GRAPHICS DISPLAY SYSTEM INSTALLATION
MANUAL - PHYSICAL PLANNING

This publication contains physical planning information for the IBM 3250 Graphics Display System. It includes dimensions, weights, calling information, service clearances, and electrical and environmental requirements for each unit of the system. The publication is intended for customer's data processing managers, physical planning staff, architects, contractors and technical communications representatives.

Manual, 8 1/2 x 11 inches, 40 pgs, 5/78
//15//3250,3258/

GA33-3037

IBM 3250 GRAPHICS DISPLAY SYSTEM COMPONENT DESCRIPTION

This publication contains reference information for users of the IBM 3250 Graphics Display System. The information is primarily intended to assist the user who is writing programs for execution in the 3250 Graphics Display System, but is also of interest to data processing personnel, operators, and engineers who require an understanding of the functions provided by the 3250 system. It is assumed that the reader has a basic knowledge of data processing and of graphic display applications.

Manual, 8 1/2 x 11 inches, 120 pgs, 7/78
//06//3250,3258/

GA33-3038

3250 GRAPHICS DISPLAY SYSTEM PROBLEM DETERMINATION GUIDE

No abstract available.
Manual, 8 1/2 x 11 inches, 22 pages, 12/78
//06//3250,3258/

GA33-3039

3277 DISPLAY STATION, GRAPHICS ATTACHMENT RPQ 7H0284,
CUSTOM FEATURE DESCRIPTION

This publication provides information about the Graphics Attachment, RPQ 7H0284, for the IBM 3277 Display Station Model 2. It is intended to be read by data processing managers, systems analysts, system programmers, and programmers of graphics applications.

Chapter 1 provides an overview of the Graphics Attachment RPQ, its features and functions, and some applications for which it might be used. The remaining chapters provide a more detailed description of the product and its programming support.

This information is provided to enable customers:
• To plan for the installation of the product itself and of the graphics workstation that the product would

enable the customer to install.

- To understand the architecture so as to undertake any programming that is not provided by the IBM-supplied software.

Manual, 8 1/2 x 11 inches, 114 pages, 4/79
360,370//14//3271,3272/

GA33-3041

IBM 8775 DISPLAY TERMINAL CHARACTER SET REFERENCE

This manual provides general reference material about the character sets, alphanumeric keyboards, and input/output (I/O) interface codes (bit patterns) for languages that are available with the IBM 8775 Display Terminal. The manual is intended for management personnel, programmers, and system analysts.

The manual has three chapters:

- Chapter 1 describes the various language character sets for the 8775 Display Terminal
- Chapter 2 describes and illustrates the keyboards that are available for the terminal:
 - Typewriter keyboards
 - Extended typewriter keyboards
 - Data entry keyboards
 - Data entry (high volume) keyboards
 - Japanese (Katakana) keyboards
- Chapter 3 contains:

Matrix drawings of the I/O interface codes that support the various keyboards;

A table that shows the differences in I/O interface codes for the various national languages;
An I/O interface code matrix for the magnetic slot reader.

The reader is assumed to have a general knowledge of display terminals. For further information on the 8775, see An Introduction to the IBM 8775 Display Terminal, GA33-3040.

For information about the system to which the 8775 is attached, see An Introduction to the IBM 8100 Information System, GA27-2875.

Manual, 8 1/2 x 11 inches, 78 pages, 5/79
//09//8775/

GA33-3052

3250 GRAPHICS DISPLAY SYSTEM PROBLEM DETERMINATION GUIDE
(WITH RPQS SU0090, SU0091, 7J0005)

Provides problem determination procedures for users of an IBM 3251 Display Station in a 3250 Graphics Display System with RPQs SU0090, SU0091, and 7J0005.

Manual, 8 1/2 x 11 inches, 32 pages, 3/79
//14//3250,3258/

GA34-0016

IBM 5275 DIRECT NUMERICAL CONTROL STATION INTRODUCTION AND COMPONENT DESCRIPTION

Provides a description of the 5275 and its function in a numerical control environment. It is intended for customer executives, installation managers, application programmers, and those involved with the physical installation and maintenance of the terminal.

This publication provides: a comparison of conventional numerical control systems to the improved system using the 5275; a brief functional description of the terminal and its major components; human factor considerations; a detailed description of the functional capabilities; highlights of the programming support; and information concerning installation planning, reliability, availability, and performance considerations.

Only a general knowledge of data processing, numerical control systems, and the steps involved in making a part (part programming) is required to use this manual.

Manual, 100 pages
//09//5275/

GA34-0040

IBM 5230 DATA COLLECTION SYSTEM USER GUIDE

This publication is the primary source of information for the IBM 5230 Data Collection System users:

- Explaining the principles of the system
- Describing the procedure for installing the system
- Describing the method of personalizing the system to meet your requirements
- Describing the procedures for operating the system
- Describing routine maintenance procedures

This publication is to be used by the system planner, the installer, and the operator.

Manual, 160 pages, 11/75
//00//5230,5231,5234,5235/

GA34-1507

IBM SYSTEM/7-360/370 CHANNEL ATTACHMENT: GENERAL INFORMATION
MANUAL, REC D08112

This manual describes the RPQ D08112 (System/7 360/370 channel attachment, and RPQ D08113 two channel switch). It contains a general explanation of System/7 360/370 attachment to 360/370 channel data transfer sequences. For correct operation, the machine language instructions, status and sense bytes are explained in detail.

Manual, 36 pages
5010//14//3168,3195,3145,3148,3155,3158,3165,2091,3115,
3125,3135,3138,2050,2065,2067,2075,2085,2022,2025,2030/

GA34-1511

SYSTEM/370 IBM 5098-N05 SENSOR BASED CONTROL UNIT GENERAL INFORMATION MANUAL

This manual describes the configuration of the SBCU with System/370 and System/7. It describes the functional operation of the SBCU along with an explanation of the 370 channel commands issued to it. This publication also describes the order and responses sent between the SBCA and SBCU.
Manual
370,5010//14//5098/

GA34-1531

IBM 5275 MACHINE TOOL CONTROL UNIT (MCU) ACCESSORY RPO D08286: GENERAL INFORMATION MANUAL

This publication is intended to be instructional and will introduce the reader to the Machine Tool Control Accessory Unit (D08286) and how it relates to the IBM 5275 and the Machine Tool Control Unit. This publication was written for service personnel and individuals concerned with machine tool control. It is assumed that the reader of this publication is familiar with the IBM 5275 and how it interfaces with the Machine Tool Control Unit. This publication covers the following topics:

- o General description of accessory and associated hardware
- o Functions of accessory D08286
- o Signal considerations
- o Interface specifications
- o MCU Identification
- o Maintenance requirements
- o Installation-physical planning information

Manual, 40 pages
//14//5275/

GA36-0001

4872 MODEM MODEL 1

This publication introduces the IBM 4872 Modem Model 1 and describes its role in a point-to-point network. Details concerning installation planning, operation, and special features are also included.

Manual, 8 1/2 x 11 inches, 22 pages, 5/70
//13//4872/

GA36-0002

4481 FILM READER/RECORDER

This publication provides basic information about the IBM 4481 Film Reader/Recorder, with the objective of helping readers to achieve a general understanding of the machine's operation, its interface with the IBM System/360 and System/370 through the IBM 1827 Data Control Unit, and its functional characteristics. Programming considerations, timing information, operator controls, and installation planning are discussed in detail.

Manual, 8 1/2 x 11 inches, 36 pages, 4/72
//14//4481/

GA36-0003

4481 FILM READER/RECORDER PROGRAMMER'S GUIDE

This publication provides information that will enable the user to write programs for the IBM 4481 Film Reader/Recorder. Programming considerations are discussed prior to acquainting the user with the software support designed for his use. The user-oriented support programs comprise a set of macro-instructions which control data flow between the System/360 and System/370 CPU's and the Film Reader/Recorder, and a selection of FORTRAN callable subroutines and image handling programs which perform transmission of data to and from the Film Reader/Recorder.

Systems Reference Library Programmer's Guide, 38 pages
//14//4481/

GA36-0004

4872 MODEM MODELS 2 AND 3

This publication introduces the IBM 4872 Modem Models 2 and 3 and describes their role in a multipoint network. Details concerning installation planning, operation, and special features are also included.

Manual, 8 1/2 x 11 inches, 24 pages, 5/70
//09//4872/

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 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9122
PTF SVS 5735-RC1
 Used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9123
PTF SVS 5735-RC1
 Used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9124
PTF SVS 5735-RC2
 Used to distribute PTF microfiche via SLSS.
 Microfiche
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LBOF-9125
PTF SVS 5735-RC2
 Used to distribute PTF microfiche via SLSS.
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 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9126
PTF SVS 5735-XX2
 Used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9127
PTF VS1 5740-AM8
 Used to distribute PTF microfiche via SLSS.
 Microfiche
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LBOF-9128
VS1 PTF 5735-RC1
 Used to distribute PTF microfiche via SLSS.
 Microfiche
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LBOF-9129
VS1 PTF 5735-RC1
 Used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

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LBOF-9130
VS1 PTF 5735-RC2
 Used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9131
VS1 PTF 5735-RC2
 Used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9132
VS1 PTF 5735-RC2
 Used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9133
VS1 PTF 5735-XX2
 Used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9134
PTF VS1 5740-XY5
 Used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9135
PTF 5735-XR1
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 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5011
SYSTEM/370 VSPC LIBRARY PRINT PROGRAM REPORTS ALL VSPC USERS THEIR FILES AND PROCFILES, IFF 5785-EAA, NOTICE
 This Availability Notice for The International Field Program VSPC Library Print Program, explains the System, Installation and other Requirements of this Program.
 The VSPC Library Print Program provides the VSPC chief administrator with an easy aid to list all enrolled users and their profiles, and to list all file profiles currently in the VSPC library.
 Plyer, 8 1/2 x 11 inches, 6 pages, 07/77
 ////5785-EAA/WT-CNLY

SB11-5012
IBM SYSTEM/370 VIRTUAL STORAGE PERSONAL COMPUTING LIBRARY PRINT (VSPCPR), DESCRIPTION/OPERATIONS, FRCG PRCD 5785-EAA
 The purpose of this manual is to provide the user with all the necessary information to understand, install, and use the VSPC Library Print Program (VSPCPR). It describes the environment in which the program runs, gives the JCL required to install, compile and execute it, and explains the headings and messages on the output reports. Finally a word of warning is given regarding who should be allowed to use VSPCPR.
 Manual, 8 1/2 x 11 inches, 16 pgs, 6/77
 ////5785-EAA/WT-CNLY

GB11-5013
SYSTEM/370: IBM 3800 PLOTTING PROGRAM, IFF 5785-AAA, NOTICE
 This Availability Notice for the IBM 3800 Plotting Program explains the system, installation and other requirements.
 This International Field Program permits the creation of precise graphs on the 3800 printer via simple commands similar to those used for drawings on plotters or graphic devices.
 Plyer, 8 1/2 x 11 inches, 4 pages, 09/77
 ////5785-AAA/WT-CNLY

SB11-5014
3800 PLOTTING, IFF 5798-AAA DESCRIPTION/OPERATIONS
 This program description and operations manual describes the general characteristics of the International Field Program, number 5785-AAA. This program makes it possible to process and print drawings on an IBM 3800 Printing Subsystem in a more precise way than on a printer that uses points or asterisks.
 This manual also provides the user with the necessary information allowing him to modify the IFF, in order to adapt it either to specific installation conditions or to special graphic usage. To implement these modifications, however, the user should have a good knowledge of the IBM 3800 Printing Subsystem and the IEBIMAGE Utility Program, see the Reference Manual for the IBM 3800 Printing Subsystem, GA26-1635.
 Manual, 8 1/2 x 11 inches, 50 pgs, 09/77
 ////5785-AAA/WT-CNLY

GB11-5020
IBM SYSTEM/370 IMS/VS HIGH-SPEED SEQUENTIAL RETRIEVAL, IFF 5787-LAA FOR IMS/VS DATA BASES, NOTICE
 This IFF Availability Notice for the high-speed sequential

retrieval of IMS Data Bases explains the system, programming and installation of this program.

This IFP was designed as a high performance option to improve throughput for sequential processing of large IMS/VS Data Bases.

This program was developed by, and is running at the Swiss Bank Corporation Basel.

Flyer, 8 1/2 x 11 inches, 4 pgs, 10/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SB11-5021

IBM SYSTEM/370 HIGH-SPEED SEQUENTIAL RETRIEVAL OF IMS DATA BASES DESCRIPTION AND OPERATIONS, INTERNATIONAL FIELD PROGRAM 5787-LAA

The International Field Program High Speed Sequential Retrieval (HSSR) was designed as high performance option to improve throughput for sequential retrieval of large physical IMS/VS Data Bases.

The Program Description and Operations Manual of HSSR contains:

- An Introduction
- A Functional Description of HSSR
- A list of supported functions and restrictions
- A description of how to use HSSR: how to code an application program, how to code a PSB and how to code JCL for the execution of an application program
- A chapter about performance figures
- A chapter about installation, maintenance and problem determination
- Messages and codes.

It is necessary to have a knowledge of IMS/VS in order to understand this manual.

Manual, 8 1/2 x 11 inches, 94 pgs, 11/77
/////5787-LAA/WT-ONLY

LB11-5022

IBM SYSTEM/370 HIGH-SPEED SEQUENTIAL RETRIEVAL OF IMS DATA BASES LOGIC, INTERNATIONAL FIELD PROGRAM 5787-LAA

The International Field Program High-Speed Sequential Retrieval (HSSR) was designed as a high performance option to improve throughput for sequential retrieval of large physical IMS/VS Data Bases.

The Program Logic Manual of HSSR describes the functions and logic flow of HSSR. You should have IMS/VS knowledge and you should have read the HSSR Program Description and Operations Manual SB11-5021 in order to understand this manual.

Manual, 8 1/2 x 11 inches, 70 pgs, 11/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5025

SYSTEM/370 OS/VS INTERACTIVE PL/I FOR VSPC PL/I PROCESSOR FOR VS PERSONAL COMPUTING (VSPC), IFP 5785-EAB, NOTICE

This Availability Notice for the International Field Program Interactive PL/I Virtual Storage Personal Computing (VSPC), for the International Field Program, explains the System, Installation and other requirements of this Program.

VSPC PL/I is a single-pass batch compiler which operates under OS/VS1 and OS/VS2 (MVS) VSPC. It provides a subset of the OS PL/I Optimizing Compiler Release 3.0 language level and is compatible at the source statement level with the OS PL/I Optimizing Compiler. VSPC PL/I provides a powerful, easy-to-use, programming language. Its facilities are appropriate to the VSPC interactive environment.

VSPC PL/I is known to VSPC as a Foreground Processor with the name PLI. Thus it is accessible to any users of VSPC.

A primary objective of VSPC PL/I is to provide a straightforward language implementation which is easily invoked and understood.

Flyer, 8 1/2 x 11 inches, 4 pages, 09/77
/////5785-EAB/WT-ONLY

GB11-5070

IBM SYSTEM/370 DOS/VS CICS-IMS ONLINE INTERFACE, INTERACTIVE AND QUEUED EXTENDED 3270 SCREEN SUPPORT, INTERNATIONAL FIELD PROGRAM 5785-DAW, NOTICE

The CICS-IMS Online Interface (CIMONI) Availability Notice explains the System Features, Installation and other requirements of this International Field Program, CIMONI. It also gives reference material compatibility.

CIMONI is used to create a link between an IMS/VS DB/DC System and a CICS/DOS/VS System. Each CICS/DOS/VS user benefits from facilities offered by IRSS and has the possibility to communicate with IMS/VS in conversational mode, as well as in batch mode. It is then possible to implement a computer hierarchy, based on the distribution of data and functions.

Flyer, 8 1/2 x 11 inches, 6 pages, 2/78
/////5785-DAW/WT-ONLY

SB11-5071

SYSTEM/370 CICS-IMS ONLINE INTERFACE PROGRAM DESCRIPTION AND OPERATIONS, INTERNATIONAL FIELD PROGRAM 5785-DAW

The IBM System/370 CICS-IMS Online Interface Program Description and Operations Manual is designed to be used in conjunction with existing CICS/DOS/VS documentation.

It describes the functions, the installation and the operating procedures of the CICS-IMS Online Interface.

The international Field program contains the information to run a sample problem using the CIMONI features. The reader of this publication should have a basic knowledge of

CICS/DOS/VS and be familiar with the CICS/DOS/VS and IMS/VS terminology.

The first part describes the basic structure and operating system requirements of CIMONI and gives functional specifications.

The next part indicates how to write application programs and describes installation procedures with instructions on how to use CIMONI.

Instructions on installing and executing the CIMONI sample programs and a list of usable messages andabend codes are given in the last chapters.

Requisite Publications:

IMS/VS Application Programming Reference, SB20-9026
IMS/VS System Programming Reference Manual, SB20-9027
IMS/VS Message Format Service User's Guide, SB20-9053
IMS/VS Messages and Codes Reference Manual, SB20-9030
Manual, 8 1/2 x 11 inches, 100 pages, 2/78
/////5785-DAW/WT-ONLY

LB11-5072

IBM SYSTEM/370 CICS-IMS ONLINE INTERFACE SYSTEMS GUIDE, INTERNATIONAL FIELD PROGRAM 5785-EAW

The IBM System/370 CICS-IMS Online Interface Systems Guide provides a description of the internal logic of each CIMONI International Field Program.

It is intended for system programmers in charge of the maintenance of CIMONI systems. To understand this manual, the reader should have a good knowledge of CICS/DOS/VS, be familiar with the usual BTAM line procedures, and have a basic knowledge of IMS/VS.

The manual describes the functional structure of CIMONI and the relationship between CICS/DOS/VS, IMS/VS the user's application programs and the CIMONI system programs.

The second part of the manual describes how the CIMONI system programs are written and the assembling and cataloging of single CIMONI programs.

Part 3 describes the functions and contents of the tables exclusively used by the CIMONI programs, as well as the contents of the CICS/VS areas accessed by the CIMONI task.

Part 4 describes how the CIMONI system can be modified, if necessary.

Prerequisite publications:

CIMONI Program Description and Operation, SE11-5071
IMS/VS Application Programming Reference, SB20-9026
IMS/VS System Programming Reference Manual, SB20-9027
IMS/VS Message Format Service User's Guide, SB20-9053
Manual, 8 1/2 x 11 inches, 128 pages, 2/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5222

IBM CONVERSION AID S/3 TO DOS/VS, IFP 5785-KAC, NOTICE

This conversion aid simplifies conversion from an IBM System/3 to an IBM System/370 DCS/VS. It converts complete S/3 RFG Patch Job streams, including source statements, job control, file definitions, data, and utilities. The advantage of this conversion aid lies in the completeness of the conversion. It reduces the conversion effort drastically and lowers the total migration costs.

Flyer, 8 1/2 x 11 inches, 4 pages, 8/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

SB11-5223

CONVERSION AID SYSTEM/3 TO SYSTEM/370 IFP 5785-KAC PROGRAM DESCRIPTION AND OPERATIONS MANUAL

This publication provides the information required by a user who wants to migrate from a System/3 to a System/370 under DCS/VS. It contains the information needed to convert programs and files and to prepare the corresponding control cards. The assistance concerning file distribution is more meaningful when the user is familiar with the physical location of his files.

Manual, 8 1/2 x 11 inches, 78 pages, 9/78
/////5785-KAC/WT-ONLY

GB11-5249

SYSTEM/370 VS APL APLVS API COMPLEMENTARY FUNCTIONS, IFP 5785-DBX, -DEY, NOTICE

APL Complementary Functions are designed to:

- . Increase programmer productivity
- . Aid in program structuring
- . Handle user-defined data types
- . Illustrate APL programming techniques.

Flyer, 8 1/2 x 11 inches, 4 pages, 12/78
/////5785-DBX, 5785-DEY/WT-ONLY

SB11-5250

APL COMPLEMENTARY FUNCTIONS, IFP 5785-DBX, -DEY DESCRIPTION/OPERATIONS

This manual describes the set of APL Complementary Functions available as an International Field Program for VS APL running under VM/370-CMS, VSPC, or ISO and for APLSV. It is intended for APL users who want to use Complementary Functions in their own problem solving or application programming. Therefore, elementary knowledge of APL is a prerequisite for using the manual.

In this introduction, the concept of API Complementary Functions as language extension is explained and related to the structured programming method of other programming languages. Syntax, a description of arguments and result, and an example of its use are given for each Complementary Function.

Manual, 8 1/2 x 11 inches, 96 pages, 12/78
 ////5785-DBX,5785-DBY/WT-ONLY

LB11-5251

APL COMPLEMENTARY FUNCTIONS, IFF 5785-DPX, -DBY,
SYSTEMS GUIDE

This manual is intended for users of the APL Complementary Functions who want to refer to the program listings in order to either modify the functions to meet particular needs or to study the programming techniques applied.

Syntax, description of arguments and result, an example, and the function listing are given for each function. Basic knowledge of APL is required to read this publication.
 Manual, 8 1/2 x 11 inches, 76 pages, 4/79
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5258

3850 MASS STORAGE SYSTEM TRACE INTERPRETATION PACKAGE , IFF
5785-DBW, NOTICE

The IBM 3850 Mass Storage System Trace Interpretation Package (MSTIP) is a set of programs for processing Mass Storage System Trace data to produce reports on Mass Storage System activity for status and performance analysis.

The raw Mass Storage System Trace data is the source of information for the evaluation of subsystem performance. A reformatted data set, created from the raw Mass Storage System Trace data, can be used as input to high level language programs. The package contains programs written in Assembler language and PL/I to create various reports and statistical information about Mass Storage System activity. These reports assist the system programmer in determining the reasons for subsystem problems. The reformatted data set can serve the user as a base for writing additional Mass Storage System Trace report programs of his own.

Flyer, 8 1/2 x 11 inches, 4 pages, 2/79

5811-5259

3850 MASS STORAGE SYSTEM TRACE INTERPRETATION PACKAGE,
IFF 5785-DBW, DESCRIPTION/OPERATIONS

Runs under any OS/VS Operating System supporting IBM 3850 (Mass Storage System). Because part of the program is written in PL/I, installation of the IBM PL/I Optimizing Compiler is required.

This publication contains "how to install," "how to use," and reference information concerning the Mass Storage System Trace Interpretation Package. For information about the internals of the package see the Systems Guide, LB11-5260. Basic knowledge of the Mass Storage System functions and the IDCAMS TRACE-command is required.

Manual, 58 pages, 1/79

////5785-DBW/WT-ONLY

LB11-5260

3850 MASS STORAGE SYSTEM TRACE INTERPRETATION PACKAGE,
IFF 5785-DBW, SYSTEMS GUIDE

Runs under any OS/VS Operating System supporting IBM 3850 (Mass Storage System). Because part of the program is written in PL/I, installation of the IBM PL/I Optimizing Compiler is required.

This publication contains information for system and application programmers who handle program modification and program maintenance for the Mass Storage System Trace Interpretation Package. For further information about the package and its reports, refer to the source code and to the Mass Storage System Trace Interpretation Package Program Description and Operations Manual, SB11-5259.

Manual, 32 pages, 1/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5266

SIEMENS - IBM ASSEMBLER CONVERSION AID, IFF 5785-DCA,
NOTICE

This program assists in the conversion of Assembler programs written for the BS 1000 of Siemens into IBM Assembler language, for assembly and execution on an IBM/370 or 4300 Processor.

It is designed so that conversions from Siemens BS 1000 to IBM may be accomplished with reduced effort and in reduced time.

The user must still verify the proper execution of converted programs on any configuration he plans to use.

Flyer, 8 1/2 x 11 inches, 4 pages, 3/79

SLSS - ORDER NO. SUBSCRIPTION ONLY

SB11-5267

SIEMENS-IBM ASSEMBLER CONVERSION AID, IFF 5785-DCA,
DESCRIPTION/OPERATIONS

With the Siemens-IBM Assembler Conversion Aid, one is able to convert Siemens BS 1000 assembler programs in such a way that they can be assembled and executed on an IBM System/370 running under the control of DOS/VS or on an IBM 4300 processor under control of DOS/USE.

The main part of this manual provides a description of the functions of the Siemens-IBM Assembler Conversion Aid as well as detailed instructions for the installation and execution of the program. The appendixes contain a summary of all error and warning messages that can occur during a program conversion, and an overview of how the access macros for ISAM files are converted.

Manual, 8 1/2 x 11 inches, 64 pages, 3/79

////5785-DCA/WT-ONLY

LB11-5268

SIEMENS-IBM ASSEMBLER CONVERSION AID, IFF 5785-DCA,
SYSTEMS GUIDE

The Siemens-IBM Assembler Conversion Aid is a system of programs which convert assembler programs for the BS 1000 of Siemens for assembly and execution on an IBM System/370 under the control of CCS/VS or on an IBM 4300 processor under control of CCS/USE.

This manual contains an overview of the programs in the Siemens-IBM Assembler Conversion Aid and a description of the internal flow of control while converting. The conversions of the different instructions and BS 1000 macros are described for some examples only. However, the techniques being used will be discussed in detail.

Ma- 1) 1/2 x 11 inches, 38 pages, 3/79

SL- IBM INTERNAL SUBSCRIPTION ONLY

SB11-5309

SYSTEM/370 IMS/VS BLM GENERALIZED SYNONYMS ANALYZER
PROGRAM OPERATIONS, 5785-GAH

IMS/VS BDM Generalized Synonyms Analyzer Program helps in evaluating keys distribution performed by a randomizing algorithm, for an IMS/VS BDM data base.

It allows the user to analyze and pick the way a particular randomizing module works without really loading the data base. The program nevertheless, handles real not simulated data. The user can thus select the most effective randomizing module and set off parameters (such as space allocation for Root Addressable Area (RAA), number of Root Anchor Points (RAP per Block), thus resulting in improved performances, more efficient space utilization and, last but not least, reducing the need for data base reorganization.

Used against existing data bases, this tool provides the Data Base Administrator with an inexpensive and easy-to-use way of evaluating the need for data base reorganization and the most effective set of parameters to use for reorganized data base.

Manual, 8 1/2 x 11 inches, 38 pages, 1/79

////5785-GAH/WT-ONLY

GB11-5315

SIEMENS - IBM COBOL CONVERSION AID PROGRAM UNDER
DOS/USE, IFF 5785-CCP, NOTICE

This program is designed to assist in the conversion of COBOL programs written for the BS 1000 or BS 2000 of Siemens to IBM AMS COBOL.

By using this program, conversions from Siemens COBOL to IBM AMS COBOL can be accomplished with reduced effort and in reduced time. Also, since it is designed so that the user of the program needs not be aware of the way the conversion actually takes place, clerical errors can be avoided.

The user must still verify the proper execution of converted programs on any configuration he plans to use.

Flyer, 8 1/2 x 11 inches, 4 pages, 3/79

SLSS - ORDER NO. SUBSCRIPTION ONLY

SB11-5316

SIEMENS-IBM COBOL CONVERSION AID, IFF 5785-ECB,
DESCRIPTION/OPERATIONS

This manual describes programs and procedures designed to assist in the conversion of Siemens COBOL programs to IBM AMS COBOL. The system described here operates under DOS/VS, DOS/USE, or CS/VS.

By using this program, conversions from Siemens COBOL to IBM AMS COBOL can be accomplished with reduced effort and in reduced time. Also, since it is designed so that the user of the program need not be aware of the way the conversion actually takes place, clerical errors can be avoided. The user must still verify the proper execution of converted programs on any configuration he plans to use.

Manual, 8 1/2 x 11 inches, 46 pages, 3/79

////5785-ECB/WT-ONLY

GB11-5318

ICL 1900 SERIES TO IBM DCS/USE FILE CONVERSION, FRCG
5785-FAR, NOTICE

This program assists in the conversion of files contained on magnetic tapes, formerly used on ICL 1900 Series Computing Systems, into IBM DCS/USE formats on either magnetic tape or on sequential DASE files.

It is designed so that users need to have little or no knowledge of the detailed data manipulation involved in the conversion.

Highlights:

- Handles 7 or 9 track single or composite files
- Produces sequential disk or tape output files in DCS/USE format
- Extra facilities may easily be added to convert nonstandard data formats
- A data selection feature allows a user to convert a subset of the input file.

Flyer, 8 1/2 x 11 inches, 4 pages, 3/79

SLSS - ORDER NO. SUBSCRIPTION ONLY

SE11-5319

SYSTEM/370 OR AN IBM 4300 PROCESSOR ICL 1900 SERIES TO
IBM DCS/USE FILE CONVERSION AID, FRCG 5785-FAR

The ICL 1900 Series to IBM DCS/USE File Conversion Aid assists Programmers and Analysts with the task of converting serial files from the ICL 1900 Series to IEP DCS/USE.

File conversion is a complex task which needs assembler programming skills together with a detailed knowledge of

both ICL and IBM data formats.

This Conversion Aid provides the user with a comprehensive set of conversion facilities and enables a relatively inexperienced user to generate 'tailored' file conversion programs.

All sections of this manual assume a knowledge of ICL and IBM data formats, ICL 1900 Series Magnetic Tape Housekeeping Standards, the record formats available under DOS/VSE and the DOS/VSE job control statements necessary to assemble, link edit and execute a program which processes sequential disk or tape files.
Flyer, 8 1/2 x 11 inches, 40 pages, 3/79
/////5785-EAR/WT-ONLY

Manual, 56 pages
/////5798-AGK

LB21-0413

GRAPHPAR - INTERACTIVE GRAPHICS PACKAGE FOR APL/360
FIELD DEVELOPED PROGRAM-SYSTEMS GUIDE
PROGRAM NUMBER 5798-AGK

This "User's Manual" is for the Systems Analyst, Programmer and Operator during the Systems Test and Daily Operations of the programs. It also contains programmer notes to assist in making minor alterations.
Manual, 54 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5324

CONVERSATIONAL MONITOR SYSTEM APPLICATION DISPLAY SERVICES,
LIC PROG 5785-AAE, NOTICE
The Application Display Services International Field Program is an advanced full screen development facility designed for interactive applications running under the Virtual Machine/Conversational Monitor System. It allows for significant improvements in the area of design and implementation of full screen display services.
Flyer, 8 1/2 x 11 inches, 8 pages, 4/79

GB21-0414

GRAPHS AND HISTOGRAMS IN APL AVAILABILITY NOTICE - FFP
NUMBER 5798-AGL

This document describes the purpose and highlights of the Graphs and Histograms in APL for the System/360/370. This workspace contains functions which, on an APL/360 terminal (2741 or 1050): plots of curves, draws histograms, deriving the plotted values from the raw data. It contains options to: plot several curves together. Abscissae need to be the same for the various curves. Employ linear or logarithmic scale on each axis. Use the special plotting type element (P/N 1167114) for finer resolution. Adjust the scale to compensate for the different unit lengths in the two directions at the terminal (100 chars/inch and 6 lines/inch).

This Availability Notice contains complete ordering instructions for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Notice, 4 pages
/////5798-AGL

SB11-5332

SYSTEM/370 NETWORK CONTROL PROGRAM/VS START/STOP SNA MAP,
IFP 5785-EAF, DESCRIPTION/OPERATIONS
This manual is intended to provide an installation systems programmer with detailed information regarding the functions, operation, and installation of the program.
This manual includes a description of installation prerequisites such as the generation of a suitable NCP or PEP, and also provides operating procedures for both the system operator and the terminal user. The reader is assumed to be familiar with the installation and specifications of TSO, VTAM, and NCP/VS.
Manual, 8 1/2 x 11 inches, 44 pages, 3/79
/////5785-EAF/WT-ONLY

SB21-0415

GRAPHS AND HISTOGRAMS IN APL PROGRAM DESCRIPTION/OPERATIONS
MANUAL - FFP NUMBER 5798-AGL

This document describes the capabilities of the FDP and the programs of the Graph and Histograms in APL for the System/360/370. This workspace contains functions which, on an APL/360 terminal (2741 or 1050): plots of curves, draws histograms, deriving the plotted values from the raw data. It contains options to: plot several curves together. Abscissae need to be the same for the various curves. Employ linear or logarithmic scale on each axis. Use the special plotting type element (P/N 1167114) for finer resolution. Adjust the scale to compensate for the different unit lengths in the two directions at the terminal (100 chars/inch and 6 lines/inch).

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 30 pages
/////5798-AGL

LB11-5333

SYSTEM/370, NETWORK CONTROL PROGRAM/VS START/STOP
SNA MAP, IFP 5785-EAF, SYSTEMS GUIDE
This manual is designed to provide detailed information about the techniques used by and the method of operation of the program.
This manual is intended for system programmers who have a need to diagnose any problems that may occur during the running of the program, or who plan to enhance the program by providing additional facilities. The reader is assumed to be familiar with 3705 Communication Controller hardware, to have a working knowledge of SNA data flow, and to be acquainted with the operation of the Start/Stop terminals which are to be used with the program.
Manual, 8 1/2 x 11 inches, 52 pages, 3/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LB21-0416

GRAPHS AND HISTOGRAMS IN APL SYSTEMS GUIDE - FDP NUMBER
5798-AGL

This document describes the steps necessary to modify the Graphs and Histograms in APL for the System/360/370. This workspace contains functions which, on an APL/360 terminal (2741 or 1050): plots of curves, draws histograms, deriving the plotted values from the raw data. It contains options to: plot several curves together. Abscissae need to be the same for the various curves. Employ linear or logarithmic scale on each axis. Use the special plotting type element (P/N 1167114) for finer resolution. Adjust the scale to compensate for the different unit lengths in the two directions at the terminal (100 chars/inch and 6 lines/inch).

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
Guide, 27 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5334

VS1 UTILITY GENERATOR, IFP 5785-LAG, NOTICE
The VS1 Utility Generator (VSIUG) is a powerful tool for system programmers, operators, and less trained system users who wish to use OS/VS1 system utilities with a minimal effort.
Jobs involving system utilities as they occur in each OS/VS1 installation can be performed with great ease and efficiency on a master console, MCS console, or any VM/CMS terminal.
The user can solve his problems in a conversational manner, with the VS1 Utility Generator guiding him and checking the replies.
Flyer, 4 pages, 4/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

SB11-5335

VS1 UTILITY GENERATOR, IFP 5785-LAG, DESCRIPTION/OPERATIONS
This VS1 Utility Generator (VSIUG) is a powerful tool for system programmers, operators, and less trained system users who wish to use OS/VS1 system utilities with a minimal effort.
Jobs involving system utilities as they occur in each OS/VS1 installation can be performed with great ease and efficiency on a master console, MCS console, or any VM/CMS terminal.
The user can solve his problems in a conversational manner, with the VS1 Utility Generator guiding him and checking the replies. JCL errors and utility statement errors are largely eliminated.
This manual describes the capabilities of the system and the program. It is both a system description and an installation and operations reference manual.
Manual, 8 1/2 x 11 inches, 46 pages, 4/79
/////5785-LAG/WT-ONLY

GB21-0493

RCA CCROL TO IBM ANS CCROL CONVERSION AID FOR SYSTEM/360/370
AVAILABILITY NOTICE - FDP NUMBER 5798-ABT

This document describes the purpose and highlights of RCA CCROL to IBM ANS CCROL Conversion Aid for the System/360, 370. Written in ALC, this series of programs and procedures will assist in the conversion of RCA ICS/IDCS or ANSI CCEOL programs to IBM ANS CCROL. The system described here operates under the IBM Disk Operating System (DOS) or the full Operating System (OS).

This Availability Notice contains complete ordering instructions for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Notice, 6 pages
/////5798-ABT

SB21-0412

GRAPHPAR - INTERACTIVE GRAPHICS PACKAGE FOR APL/360
FIELD DEVELOPED PROGRAM DESCRIPTION/OPERATIONS MANUAL
PROGRAM NUMBER 5798-AGK
This manual describes the capabilities of the system and the programs. Discussion of design assumptions and potential modification areas are included. Record and file layouts are described, and primary processing procedures specified. This manual is both a system description and an installation and operations reference document.

GB21-0683

MINIMUM TELE-COMMUNICATION SYSTEM FOR S/370 AVAILABILITY NOTICE - FDP NUMBER 5798-ALN

This document describes the purpose and highlights of Minimum Tele-Communication System for S/370. Written in Assembler, it is a System/370 offering providing smaller DOS and DOS/VS users with a single-thread, transaction-driven teleprocessing capability. The programming system supports the IBM 3270 and 2740 terminals via DOS BTAM and supports inquiry, file updates, order entry and data collection applications via DOS ISAM. BOMP and DBOMP files may also be accessed via MTCS/370. Transaction programs may be written in Assembler, COBOL or PL/I.

This Availability Notice contains complete ordering instructions for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Notice, 6 pages
 ////5798-ALN

SB21-0684

MINIMUM TELE-COMMUNICATION SYSTEM FOR S/370 PROGRAM DESCRIPTION/OPERATIONS MANUAL - FDP NUMBER 5798-ALN

This document describes the capabilities of the FDP and the programs of MTCS for S/370. Written in Assembler, it is a System/370 offering providing smaller DOS and DOS/VS users with a single-thread, transaction-driven teleprocessing capability. The programming system supports the IBM 3270 and 2740 terminals via DOS BTAM and supports inquiry, file updates, order entry and data collection applications via DOS ISAM. BOMP and DBOMP files may also be accessed via MTCS/370. Transaction programs may be written in Assembler, COBOL or PL/I.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 148 pages
 ////5798-ALN

LB21-0685

MINIMUM TELE-COMMUNICATION SYSTEM FOR S/370 SYSTEMS GUIDE FDP NUMBER 5798-ALN

This document describes the steps necessary to modify the Minimum Tele-Communication System for S/370. Written in Assembler, it is a System/370 offering providing smaller DOS and DOS/VS users with a single-thread, transaction-driven teleprocessing capability. The programming system supports the IBM 3270 and 2740 terminals via DOS BTAM and supports inquiry, file updates, order entry and data collection applications via DOS ISAM. BOMP and DBOMP files may also be accessed via MTCS/370. Transaction programs may be written in Assembler, COBOL or PL/I.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Guide, 12 pages
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-0686

DOS 2311/14/19 - 3330 DASD DEVICE INDEPENDENCE ROUTINES AVAILABILITY NOTICE - FDP NUMBER 5798-ALN

This document describes the purpose and highlights of the DOS 2311/14/19-3330 DASD Device Independence Routines program for the System/360/370 (DOS). Written in Assembler Language, this program provides the DOS user device independence between 2311/14/19 and 3330 disk files. These routines dynamically modify (at OPEN time) any program written in any language that uses Index Sequential, Sequential, Direct Access, or PLOCS in a standard manner.

This Availability Notice contains complete ordering instructions for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Notice, 2 pages
 ////5798-ALN

SB21-0687

DOS 2311/14/19-3330 DASD DEVICE INDEPENDENCE ROUTINES PROGRAM DESCRIPTION/OPERATIONS MANUAL - FDP NUMBER 5798-ALN

This document describes the capabilities of the FDP and the programs of the DOS 2311/14/19-3330 DASD Device Independence Routines system. Written in Assembler Language for the System 360/370 (DOS), this system provides the DOS user device independence between 2311/14/19 and 3330 disk files. These routines dynamically modify (at OPEN time) any program written in any language that uses Index Sequential, Sequential, Direct Access, or PLOCS in a standard manner.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 24 pages
 ////5798-ALN

LB21-0688

DOS 2311/14/19-3330 DASD DEVICE INDEPENDENCE ROUTINES SYSTEMS GUIDE - FDP NUMBER 5798-ALN

This document describes the steps necessary to modify the DOS 2311/14/19-3330 DASD Device Independence

Routines FDP written in Assembler Language for the System 360/370 (DOS). This program provides the DOS user device independence between 2311/14/19 and 3330 disk files. These routines dynamically modify (at OPEN time) any program written in any language that uses Index Sequential, Sequential, Direct Access, or PLOCS in a standard manner.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Guide, 98 pages
 SLSS - IBM INTERNAL DESCRIPTION ONLY

GB21-0704

BURROUGHS 100/200/300/500 BASIC ASSEMBLER LANGUAGE TO IBM DOS ALC CONVERSION AID FOR SYSTEM/360, 370 AVAILABILITY NOTICE - FDP NUMBER 5798-AMC

This document describes the purpose and highlights of Burroughs 100/200/300/500 Basic Assembler Language to IBM DOS ALC Conversion Aid for the System/360, 370. Written in ALC this program assists in the conversion of Burroughs 100/200/300/500 Series Basic Assembly Language programs to IBM DCS Assembler Language. There are three phases in the conversion process: language translation, manual editing of intermediate output and correction of diagnostics, ECS Assembly. The translation system operates on a System/360 (model 22 or above) or System/370 under DOS. A minimum partition of 14 bytes is required.

This Availability Notice contains complete ordering instruction for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Flyer, 4 pages
 ////5798-AMC

SB21-0705

BURROUGHS 100/200/300/500 BASIC ASSEMBLER LANGUAGE TO IBM DCS ALC CONVERSION AID FOR SYSTEM/360, 370 PROGRAM DESCRIPTION/OPERATIONS MANUAL - FDP NUMBER 5798-AMC

This document describes the capabilities of the FDP and the programs of the Burroughs 100/200/300/500 Series Basic Assembly Language programs to IBM DCS Assembler Language. There are three phases in the conversion process: language translation, manual editing of intermediate output and correction of diagnostics, ECS Assembly. The translation system operates on a System/360 (model 22 or above) or System/370 under DOS. A minimum partition of 14K bytes is required.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 56 pages
 ////5798-AMC

LB21-0706

BURROUGHS 100/200/300/500 BASIC ASSEMBLER LANGUAGE TO IBM DOS ALC CONVERSION AID FOR SYSTEM/360, 370 SYSTEMS GUIDE FDP NUMBER 5798-AMC

This document describes the steps necessary to modify the Burroughs 100/200/300/500 Basic Assembler Language to IBM DOS ALC Conversion Aid written in ALC Conversion Aid for the S/360/370. This program consists in the conversion of Burroughs 100/200/300/500 Basic Assembler Language to IBM DOS Assembler Language. There are three phases in the conversion process: language translation, manual editing of intermediate output and correction of diagnostics, DCS Assembly. The translation system operates on a System/360 (model 22 or above) or System/370 under DOS. A minimum partition of 14K bytes is required.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Guide, 16 pages
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GB21-0740

DOS 3330 DATA SET CONVERSION AID AVAILABILITY NOTICE - FDP NUMBER 5798-AMN

This document describes the purpose and highlights of DOS 3330 Data Set Conversion Aid FDP. This FDP, written in ALC, provides the S/360/370 DOS user with a facility to copy data sets from one DASD to a 3330. Based upon parameters submitted by the user, the program will produce DOS Assembler programs which can be compiled and executed to perform the actual conversion of each data set. The 3330 Data Set Conversion Aid provides support for users converting from 2311, 14, 19 to the 3330 DASD.

This Availability Notice contains complete ordering instructions for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Manual, 2 pages
 ////5798-AMN

SB21-0741

DOS 3330 DATA SET CONVERSION AID PROGRAM DESCRIPTION/OPERATIONS MANUAL - FDP NUMBER 5798-AMN

This document describes the capabilities and the

programs of the DOS 3330 Data Set Conversion Aid. This FDP, written in ALC, provides the S/360/370 DOS user with a facility to copy data sets from one DASD to a 3330. Based upon parameters submitted by the user, the program will produce DOS Assembler programs which can be compiled and executed to perform the actual conversion of each data set. The 3330 Data Set Conversion Aid provides support for users converting from 2311, 14, 19 to the 3330 DASF.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 23 pages
/////5798-AMN

LB21-0742

DOS 3330 DATA SET CONVERSION AID SYSTEMS GUIDE - FDP NUMBER 5798-AMN

This document describes the steps necessary to modify the DOS 3330 Data Set Conversion Aid FDP. This FDP, written in ALC, provides the S/360/370 DOS user with a facility to copy data sets from one DASD to a 3330. Based upon parameters submitted by the user, the program will produce DOS Assembler programs which can be compiled and executed to perform the actual conversion of each data set. The 3330 Data Set Conversion Aid provides support for users converting from 2311, 14, 19 to the 3330 DASF.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modification, diagnose program errors and perform program maintenance.

Guide, 13 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-0761

STREAM - A 3270 INFORMATION DISPLAY SYSTEM PROGRAMMING AID FOR SYSTEM/360, 370: FDP 5798-ANE, NOTICE

This document describes the purpose and highlights of STREAM - A3270 Information Display System Programming Aid for the System/360, 370. Written in BAL, this program, which is comprised of a macro and a support module, is designed to facilitate the use of the wide variety of advance facilities available on the 3270 IDS. This DSP will assist the programmer in the detailed structuring and analysis of data and control characters. The FDP consists of two basic parts. The first is a support module that is assembled once and catalogued by the user. The second is the programmer interface. When the user wishes to activate the STREAM system, he will issue a series of STREAM macros (BAL) of high-level language STREAM calls.

This Availability Notice contains complete ordering instruction for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Flyer, 4 pages

/////5798-ANE

SB21-0762

STREAM - A3270 INFORMATION DISPLAY SYSTEM PROGRAMMING AID FOR SYSTEM/360, 370 PROGRAM DESCRIPTION/OPERATIONS MANUAL FDP NUMBER 5798-ANE

This document describes the capabilities of the FDP and the programs of the STREAM - A3270 Information Display System Programming Aid. Written in OS/DOS, for the System/360, 370, this system, which is comprised of a macro and a support module, is designed to facilitate the use of the wide variety of advance facilities available on the 3270 IDS. This FDP will assist the programmer in the detailed structuring and analysis of data and control characters. The FDP consists of two basic parts. The first is a support module that is assembled once and catalogued by the user. The second is the programmer interface. When the user wishes to activate the STREAM system, he will issue a series of STREAM macros (BAL) or high-level language STREAM calls.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 49 pages

/////5798-ANE

LB21-0763

STREAM - A3270 INFORMATION DISPLAY SYSTEM PROGRAMMING AID for System/360/370, FDP 5798-ANE, SYSTEMS GUIDE

This document describes the steps necessary to modify the STREAM - A3270 Information Display System Programming Aid written in BAL for the System/360, 370. This program, which is comprised of macro and a support module, is designed to facilitate the use of the wide variety of advance facilities available on the 3270 IDS. This FDP will assist the programmer in the detailed structuring and analysis of data and control characters. The FDP consists of two basic parts. The first is a support module that is assembled once and catalogued by the user. The second is the programmer interface. When the user wishes to activate the STREAM system, he will issue a series of STREAM macros (BAL) or high-level language STREAM calls.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Guide, 19 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SB21-0801

SYSTEM/360/370 CPU CCNSCLE AS CICS MASTER TERMINAL: FDP 5798-ANK DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the CPU Console as System/360, 370 CICS Master Terminal. Written in Bal for the System/360, 370, this system running under CICS DOS Entry, DCS Standard and OS Standard, Version 2, allows the user to utilize the CPU console as a master terminal. CICS transactions can be requested from the console, and CICS error messages can be routed to the console. The program requires no modification to CICS and allows normal operating system use of the console.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 31 pages

/////5798-ANK

GB21-0836

BURROUGHS 2500 SERIES COBOL TO IBM ANS COBOL CONVERSION AID AVAILABILITY NOTICE - FDP NUMBER 5798-APB

This document describes the purpose and highlights of the FDP. This FDP written in ALC is a series of programs, subroutines, and procedures designed to address many of the problems encountered when converting from Burroughs 2500 Series COBOL to IBM ANS COBOL. The translation system was designed to operate under either DOS or CE, and produce COBOL code to be compiled under OS, DOS, or S/3. A data conversion utility program is provided to convert Burroughs tape files to standard IBM files. It is designed to convert 7 track BCL or BCL, 9 track EECIC or ASCII or, via a user exit, a user-specified code. The data conversion utility offers the user great flexibility of data handling and formatting during the conversion process. The FDP will operate under OS on a S/360/370 with a 44K byte or larger region, and under DCS on a S/360/370 with a minimum of 48K bytes of storage.

This Availability Notice contains complete ordering instructions for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Notice, 6 pages

/////5798-APB

SB21-0837

BURROUGHS 2500 SERIES COBOL TO IBM ANS COBOL CONVERSION AID PROGRAM DESCRIPTION/OPERATIONS MANUAL - FDP NUMBER 5798-APB

This document describes the capabilities of the FDP and the programs of the Burroughs 2500 series COBOL to IBM ANS COBOL Conversion Aid. This FDP written in ALC is a series of programs, subroutines, and procedures designed to address many of the problems encountered when converting from Burroughs 2500 Series COBOL to IBM ANS COBOL. The translation system was designed to operate under either DCS or OS, and produce COBOL code to be compiled under OS, DCS, or S/3. A data conversion utility program is provided to convert Burroughs tape files to standard IBM files. It is designed to convert 7 track BCL or BCL, 9 track EECIC or ASCII or, via a user exit, a user-specified code. The data conversion utility offers the user great flexibility of data handling and formatting during the conversion process. The FDP will operate under OS on a S/360/370 with a 44K byte or larger region, and under DOS on a S/360/370 with a minimum of 48K bytes of storage.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 46 pages

/////5798-APB

LB21-0838

BURROUGHS 2500 SERIES COBOL TO IBM ANS COBOL CONVERSION AID SYSTEMS GUIDE - FDP NUMBER 5798-APB

This document describes the steps necessary to modify the Burroughs 2500 Series COBOL to IBM ANS COBOL Conversion Aid written in ALC for the S/360/370. This FDP written in ALC is a series of programs, subroutines, and procedures designed to address many of the problems encountered when converting from Burroughs 2500 Series COBOL to IBM ANS COBOL. The translation system was designed to operate under either DCS or OS, and produce COBOL code to be compiled under OS, DCS, or S/3. A data conversion utility program is provided to convert Burroughs tape files to standard IBM files. It is designed to convert 7 track BCL or BCL, 9 track EECIC or ASCII or, via a user exit, a user-specified code. The data conversion utility offers the user great flexibility of data handling and formatting during the conversion process. The FDP will operate under OS on a S/360/370 with a 44K byte or larger region, and under DCS on a S/360/370 with a minimum of 48K bytes of storage.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modification, diagnose program errors and perform program maintenance.

Guide, 146 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-0839

NCR CENTURY COBOL TO IBM ANS COBOL: CONVERSION AID FOR SYSTEM/360/370, FDP 5798-APG NOTICE

This document describes the purpose and highlights of

IBM ANS COBOL Conversion Aid for NCR Century COBOL for System/360/370. This Field Developed Program is a series of programs, subroutines, and procedures designed to address many of the problems encountered when converting from NCR Century Series COBOL to IBM ANS COBOL. The translation system was designed to operate under either DOS or OS, and produce COBOL code to be compiled under OS, DOS, or System/3.

A data conversion utility program is provided to copy tape files, translate data and expand files when packed numeric data had been specified. It will handle variable, or fixed records and will produce variable, fixed or spanned records.

The FDP will operate under OS on a System/360/370 in a 50K region, and under DOS on a System/360/370 with a partition of 44K bytes of storage.

This Availability Notice contains complete ordering instructions for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Flyer, 4 pages
 ////5798-APG

////5798-ARC

SB21-0858

OS/DITTO PROGRAM DESCRIPTION/OPERATIONS MANUAL - FDP NUMBER 5798-ARD

This document describes the capabilities of the FDP and the programs of the OS/DITTO. Written in Assembler, this program is a generalized utility program that provides most of the normal card, tape, and disk utility functions, thus eliminating the necessity of using several different OS utility programs. The functions provided are the equivalent of the functions provided by the DOS/DITTO FDP (5798-ARN).

DOS/DITTO, written in ALC, is a general purpose utility program containing thirty-seven utility functions for Unit Record, Tape and Disk Input/Output units. Functional utilities are: Tape and Disk Record Scan, Disk and Tape Record Alteration, Disk ID Volume Number Charge, Deblocking and Tape Records when printing, and User Tape Error Correction. DOS/DITTO is an enhanced version of the Type III program DITTO-360L.00.1.018. It requires a S/360, 370 with a minimum partition size of 16K and supports 3330 devices. This FDP was approved and announced in October 1972.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 33 pages
 ////5798-ARD

SB21-0840

IBM ANS COBOL CONVERSION AID FOR NCR CENTURY COBOL FOR SYSTEM/360/370 PROGRAM DESCRIPTION/OPERATIONS MANUAL - FDP NUMBER 5798-APG

This document describes the capabilities of the FDP and the programs of the IBM ANS COBOL Conversion Aid for NCR Century COBOL for System/360/370. This Field Developed Program is a series of programs, subroutines, and procedures designed to address many of the problems encountered when converting from NCR Century Series COBOL to IBM ANS COBOL. The translation system was designed to operate under either DOS or OS, and produce COBOL code to be compiled under OS, DOS, or System/3.

A data conversion utility program is provided to copy tape files, translate data and expand files when packed numeric data had been specified. It will handle variable, or fixed records and will produce variable, fixed or spanned records.

The FDP will operate under OS on a System/360/370 in a 50K region, and under DOS on a System/360/370 with a partition of 44K bytes of storage.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 63 pages
 ////5798-APG

LB21-0859

OS/DITTO SYSTEMS GUIDE - FDP NUMBER 5798-ARC

This document describes the steps necessary to modify the OS/DITTO. Written in Assembler, this program is a generalized utility program that provides most of the normal card, tape, and disk utility functions, thus eliminating the necessity of using several different OS utility programs. The functions provided are the equivalent of the functions provided by the DOS/DITTO FDP (5798-ARN).

DOS/DITTO, written in ALC, is a general purpose utility program containing thirty-seven utility functions for Unit Record, Tape and Disk Input/Output units. Functional utilities are: Tape and Disk Record Scan, Disk and Tape Record Alteration, Disk ID Volume Number Charge, Deblocking and Tape Records when printing, and User Tape Error Correction. DOS/DITTO is an enhanced version of the Type III program DITTO-360L.00.1.018. It requires a S/360, 370 with a minimum partition size of 16K and supports 3330 devices. This FDP was approved and announced in October 1972.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Manual, 13 pages
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LB21-0841

IBM ANS COBOL CONVERSION AID FOR NCR CENTURY COBOL FOR SYSTEM/360/370 SYSTEMS GUIDE - FDP NUMBER 5798-APG

This document describes the steps necessary to modify the IBM ANS COBOL Conversion Aid for NCR Century COBOL for System/360/370. This Field Developed Program is a series of programs, subroutines, and procedures designed to address many of the problems encountered when converting from NCR Century Series COBOL to IBM ANS COBOL. The translation system was designed to operate under either DOS or OS, and produce COBOL code to be compiled under OS, DOS, or System/3.

A data conversion utility program is provided to copy tape files, translate data and expand files when packed numeric data had been specified. It will handle variable, or fixed records and will produce variable, fixed or spanned records.

The FDP will operate under OS on a System/360/370 in a 50K region, and under DOS on a System/360/370 with a partition of 44K bytes of storage.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Guide, 270 pages
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SB21-0876

DOS/DITTO FOR SYSTEM/360, 370 PROGRAM DESCRIPTION/OPERATIONS MANUAL - FDP NUMBER 5798-ARN

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-2190 (5798-ARN/CAF).

Manual, 28 pages
 ////5798-ARN

LB21-0877

DOS/DITTO FOR SYSTEM/360, 370 SYSTEMS GUIDE - FDP NUMBER 5798-ARN

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program see abstract for GB21-2190 (5798-ARN/CAF).

Guide, 13 pages
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-0857

OS/DITTO AVAILABILITY NOTICE - FDP NUMBER 5798-ARD

This document describes the purpose and highlights of OS/DITTO. Written in Assembler, this program is a generalized utility program that provides most of the normal card, tape, and disk utility functions, thus eliminating the necessity of using several different OS utility programs. The functions provided are the equivalent of the functions provided by the DOS/DITTO FDP (5798-ARN).

DOS/DITTO, written in ALC, is a general purpose utility program containing thirty-seven utility functions for Unit Record, Tape and Disk Input/Output units. Functional utilities are: Tape and Disk Record Scan, Disk and Tape Record Alteration, Disk ID Volume Number Charge, Deblocking and Tape Records when printing, and User Tape Error Correction. DOS/DITTO is an enhanced version of the Type III program DITTO-360L.00.1.018. It requires a S/360, 370 with a minimum partition size of 16K and supports 3330 devices. This FDP was approved and announced in October 1972.

This Availability Notice contains complete ordering instructions for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Notice, 4 pages

GB21-0890

DOS FILE GENERATION UTILITY AVAILABILITY NOTICE - FDP NUMBER 5798-ARX

The availability notice is a marketing oriented document that describes the purpose and capabilities of the program, advantages of design, and problems solved by the program referenced in the title.

Notice, 4 pages
 ////5798-ARX

SB21-0891

DOS FILE GENERATION UTILITY PDCM - FDP NUMBER 5798-ARX

This manual describes the capabilities of the system and the programs. Discussion of design assumptions and potential modification areas are included. Record and file layouts are described and primary processing procedures specified. This manual is both a system description and an installation and operations reference document.

Manual, 46 pages
 ////5798-ARX

LB21-0892

DOS FILE GENERATION UTILITY SYSTEMS GUIDE - FDP NUMBER 5798-ARX

This document describes the steps necessary to modify the DOS File Generation Utility Systems Guide.

Testing, a basic function of program development, can make up 20-50% of total project costs. Proper test data and procedures are key to successful systems integration, conversion, and installation. This FDP, written in ALC, reduces the time required to design, code and debug test programs since the user need only specify the content of each logical record, format of records to be written, nature of output files (block, size, etc.), and any optional functions. The Generator builds the test files.

This systems guide provides the Systems Analyst with the necessary information to the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Guide, 13 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-0914

IBM ANS COBOL FROM GE-415 COBOL CONVERSION AID FDP 5798-ASY, NOTICE

This document describes the purpose and highlights of the IBM ANS COBOL from GE-415 COBOL Conversion Aid FDP. This FDP, written in ALC, is a series of programs and procedures designed to assist in the conversion of GE-415 COBOL programs to IBM ANS COBOL as well as translation of GE-415 tape files to EBCDIC. The system operates under DOS, but has capability of producing output for either DOS or OS environments. The conversion programs will operate under DOS on any System 360/370, Model 22 or larger with a partition size of 14K. The use of the tape file conversion program will require two tape drives, one of which may be 7-track drive.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Availability Notice, 2 pages

/////5798-ASY

SB21-0915

IBM ANS COBOL FROM GE-415 COBOL CONVERSION AID FDP 5798-ASYDESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the IBM ANS COBOL from GE-415 COBOL Conversion Aid. This FDP, written in ALC, is a series of programs and procedures designed to assist in the conversion of GE-415 COBOL programs to IBM ANS COBOL as well as translation of GE-415 tape files to EBCDIC. The system operates under DOS, but has capability of producing output for either DOS or OS environments. The conversion programs will operate under DOS on any System 360/370, Model 22 or larger with a partition size of 14K. The use of the tape file conversion program will require two tape drives, one of which may be 7-track drive.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 29 pages

/////5798-ASY

LB21-0916

IBM ANS COBOL FROM GE-415 COBOL CONVERSION AID FDP 5798-ASY SYSTEMS GUIDE

This document describes the steps necessary to modify the IBM ANS COBOL from GE-415 COBOL Conversion Aid FDP. This FDP, written in ALC, is a series of programs and procedures designed to assist in the conversion of GE-415 COBOL programs to IBM ANS COBOL as well as translation of GE-415 tape files to EBCDIC. The system operates under DOS, but has capability of producing output for either DOS or OS environments. The conversion programs will operate under DOS on any System 360/370, Model 22 or larger with a partition size of 14K. The use of the tape file conversion program will require two tape drives, one of which may be 7-track drive.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Manual, 17 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-0999

DOS SOURCE STATEMENT LIBRARY MAINTENANCE FOR ANS COBOL ON SYSTEM/370 AVAILABILITY NOTICE - FDP NUMBER 5798-AWD

This document describes the purpose and highlights of DOS Source Statement Library Maintenance for ANS COBOL on System/370. This program is written in Assembler. DOS ANS COBOL users have been reluctant in the past to use the extended source program library facility. In order to update the library, the programmer must prepare a new set of control cards for the DOS MAINT program. He must also convert the COBOL statement numbers (the first six positions) to MAINT statement numbers (the last four positions). This program allows updating the library with the same control cards used in compiling the program. The time required to make new control cards and correct errors

can be eliminated.

The convenience of maintaining complete COBOL program libraries on disk may be realized. Programs may be compiled directly from the source statement library with changes submitted on cards. When a program has been fully tested, the change cards may be used to update the library, providing a final version for later use.

This Availability Notice contains complete ordering instructions for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Flyer, 2 pages

/////5798-AWD

SE21-1000

DOS SOURCE STATEMENT LIBRARY MAINTENANCE FOR ANS COBOL ON SYSTEM/370 PROGRAM DESCRIPTION/OPERATIONS MANUAL - FDP NUMBER 5798-AWD

This document describes the capabilities of the FDP and the programs of the DOS Source Statement Library Maintenance for ANS COBOL on System/370. This program is written in Assembler. DOS ANS COBOL users have been reluctant in the past to use the extended source program library facility. In order to update the library, the programmer must prepare a new set of control cards for the DOS MAINT program. He must also convert the COBOL statement numbers (the first six positions) to MAINT statement numbers (the last four positions). This program allows updating the library with the same control cards used in compiling the program. The time required to make new control cards and correct errors can be eliminated.

The convenience of maintaining complete COBOL program libraries on disk may be realized. Programs may be compiled directly from the source statement library with changes submitted on cards. When a program has been fully tested, the change cards may be used to update the library, providing a final version for later use.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 26 pages

/////5798-AWD

LB21-1001

DOS SOURCE STATEMENT LIBRARY MAINTENANCE FOR ANS COBOL ON SYSTEM/370 SYSTEMS GUIDE - FDP NUMBER 5798-AWD

This document describes the steps necessary to modify the DOS Source Statement Library Maintenance for ANS COBOL on System/370. This program is written in Assembler. DOS ANS COBOL users have been reluctant in the past to use the extended source program library facility. In order to update the library, the programmer must prepare a new set of control cards for the DOS MAINT program. He must also convert the COBOL statement numbers (the first six positions) to MAINT statement numbers (the last four positions). This program allows updating the library with the same control cards used in compiling the program. The time required to make new control cards and correct errors can be eliminated.

The convenience of maintaining complete COBOL program libraries on disk may be realized. Programs may be compiled directly from the source statement library with changes submitted on cards. When a program has been fully tested, the change cards may be used to update the library, providing a final version for later use.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Guide, 11 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1002

DOS/VS DASE DEVICE INDEPENDENCE OPEN (DI OPEN) FDP 5798-AWH, NOTICE

This FDP is written in Assembler.

DI-OPEN is designed to dramatically reduce the time and effort which are generally required to convert to a new DASE Device in a DCS/VS or DOS/VSE environment.

This is accomplished by providing the user with a measure of DASE device independence for his current programs which does not exist in DOS, DCS/VS or DCS/VSE. Using this device independence, users can begin almost immediately upon installation to take advantage of the faster performance and increased capacity of a new device or operating environment with their existing programs. Thus, the need for a total program conversion compressed into the time frame prior to installation is eliminated.

The Enhancement Feature (9534, 9535) provides for execution of the DCS/VS DASE Device Independence Open (DI-OPEN), 5798-AWH operating under DOS/VSE.

The Availability Notice contains complete ordering instructions for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

4 pages, 1/79

/////5798-AWH

SB21-1003

DOS/VS DASD INDEPENDENCE OPEN, 5798-AWH,
DESCRIPTION/OPERATIONS

For further information about this program, refer to abstract for GB21-1002.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 31 pages
/////5798-AWH

LB21-1004

DOS/VS DASD DEVICE INDEPENDENCE OPEN, FDP 5798-AWH, SYSTEMS
GUIDE

For further information about this program, refer to abstract for GB21-1002.

Form, 8 1/2 x 11 inches
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1008

DOS/VS ASSEMBLER TESTING AID - FDP NUMBER 5798-AWJ NOTICE
DESCRIPTION/OPERATIONS

This document describes the purpose and highlights of DOS/VS Assembler Testing Aid. This program is written in Assembler.
This program can merge coding into the user's assembler source deck. When an UPSI card is placed in JCL at execution time, the labels in the name fields of executed instructions print on SYSLSLST. When testing is complete, this program may be used to remove the added code. (Without UPSI card, code is transparent to user.)

This Availability Notice contains complete ordering instructions for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Notice, 4 pages
/////5798-AWJ

SB21-1009

DOS/VS ASSEMBLER TESTING AID - FDP NUMBER 5798-AWJ
DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the DOS/VS Assembler Testing Aid. This program is written in Assembler.

This program can merge coding into the user's assembler source deck. When an UPSI card is placed in JCL at execution time, the labels in the name fields of executed instructions print on SYSLSLST. When testing is complete, the program may be used to remove the added code. (Without UPSI card, code is transparent to user.)

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 46 pages
/////5798-AWJ

LB21-1010

DOS/VS ASSEMBLER TESTING AID - FDP NUMBER 5798-AWJ SYSTEMS
GUIDE

This document describes the steps necessary to modify the DOS/VS Assembler Testing Aid. This program is written in Assembler.

This program can merge coding into the user's assembler source deck. When an UPSI card is placed in JCL at execution time, the labels in the name fields of executed instructions print on SYSLSLST. When testing is complete, the program may be used to remove the added code. (Without UPSI card, code is transparent to user.)

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
Manual, 25 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1035

CICS/3270 SIMULATOR (5798-AXC), CICS DYNAMIC MAP (5798-AXR),
AND CICS PERFORMANCE ANALYZER (5798-AZN): 3 FDP'S NOTICE

This document describes the purpose and highlights of the CICS Dynamic Map. This FDP is written in Assembler.

Operating as a task in a variety of modes within a CICS/STANDARD partition, this program can selectively display a myriad of system tuning statistics. These include parameters describing the partition composition, fragmentation and its effects, storage utilization for task and system, dynamic task activity, and the effects of program residence on storage and system performance. Other features optionally available are time-initiation, logging, core dumping, and an output writer facility.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Availability Notice, 5 pages
/////5798-AXC, 5798-AZN, 5798-AXR

SB21-1036

CICS/3270 SIMULATOR - FDP 5798-AXC
DESCRIPTION/OPERATIONS

This document describes the capabilities of the

FDP and the programs of the CICS/3270 Simulator. This FDP is written in Assembler.

Provides a simulated terminal facility for 3270 terminals in CICS. The input stream can be mapped using CICS basic mapping support and the output can be printed exactly as it would appear on the 3270 screen. A documentation transaction is included which when used with the output print program will document any 3270 "map" showing the screen layout and all fields which can potentially receive data.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 97 pages
/////5798-AXC

SB21-1075

CICS DYNAMIC MAP - FDP 5798-AXR
DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the CICS Dynamic Map. This FDP is written in Assembler.

Operating as a task in a variety of modes within a CICS/STANDARD partition, this program can selectively display a myriad of system tuning statistics. These include parameters describing the partition composition, fragmentation and its effects, storage utilization for task and system, dynamic task activity, and the effects of program residence on storage and system performance. Other features optionally available are time initiation, logging, core dumping, and an output writer facility.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 85 pages
/////5798-AXR

GB21-1092

IMS LOW-LEVEL CODING & CONTINUITY CHECKING SUBPROGRAM:
FDP 5798-AYN NOTICE

This document describes the purpose and highlights of the Low Level Coding and Continuity Checking FDP, written in COBOL.

With the present emphasis on COPICS and Materials Requirements Planning, users who desire or require the flexible design capabilities of the Information Management System (IMS) have been faced with a problem: how to accomplish Low Coding and Continuity Checking of Bills of Materials, and still maintain the data base design flexibility of IMS?

The IMS Low Level Coding and Continuity Checking Subprogram provides an answer to this question:

- o Provides for the addition of Bills of Material to an IMS Data Base.
- o Creates and maintains low level codes.
- o Provides standard error-checking of previous packages (BOMP-CFMS).
- o Includes a transaction and error listing of product structure additions.
- o May be used as the basis for an expanded Bills of Material maintenance program.
- o Single level explosion program as part of the sample program.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Flyer, 2 pages
/////5798-AYN

LB21-1094

LOW LEVEL CODING AND CONTINUITY CHECKING - FDP 5798-AYN
SYSTEMS GUIDE

This document describes the steps necessary to modify the Low Level Coding and Continuity Checking FDP, written in COBOL.

With the present emphasis on COPICS and Materials Requirements Planning, users who desire or require the flexible design capabilities of the Information Management System (IMS) have been faced with a problem: how to accomplish Low Coding and Continuity Checking of Bills of Materials, and still maintain the data base design flexibility of IMS?

The IMS Low Level Coding and Continuity Checking Subprogram provides an answer to this question:

- o Provides for the addition of Bills of Material to an IMS Data Base.
- o Creates and maintains low level codes.
- o Provides standard error-checking of previous packages (BOMP-CFMS).
- o Includes a transaction and error listing of product structure additions.
- o May be used as the basis for an expanded Bills of Material maintenance program.
- o Single level explosion program as part of the sample program.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
Manual, 26 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SB21-1105

COBIMS - FDP 5798-AYK - DESCRIPTION/OPERATIONS
This document describes the capabilities of the FDP and the programs of COBIMS. This FDP is written in COBOL.

PLIMS/COBOL, macro language extension of COBOL, is a programming aid designed to reduce programming and testing time in producing IMS batch and/or TP application programs. PLIMS/COBOL statements are expanded by a precompile step into a complete COBOL Source Program ready for compilation. Those PLIMS/COBOL Statements which involve data base activity are expanded into COBOL source code which is customized to the user's data structure as defined by the IMS PSB and by Segment Definitions. COBOL Statements can be intermixed with PLIMS/COBOL statements, thus combining the ease and simplicity of PLIMS with the power of COBOL.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 75 pages
/////5798-AYK

LB21-1106

COBIMS - FDP 5798-AYK - SYSTEMS GUIDE
This document describes the steps necessary to modify the COBIMS FDP written in COBOL.

PLIMS/COBOL, macro language extension of COBOL, is a programming aid designed to reduce programming and testing time in producing IMS batch and/or TP application programs. PLIMS/COBOL statements are expanded by a precompile step into a complete COBOL Source Program ready for compilation. Those PLIMS/COBOL Statements which involve data base activity are expanded into COBOL source code which is customized to the user's data structure as defined by the IMS PSB and by Segment Definitions. COBOL Statements can be intermixed with PLIMS/COBOL statements, thus combining the ease and simplicity of PLIMS with the power of COBOL.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
Systems Guide, 45 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1122

TSO COMMAND PROCESSOR - FDP 5798-AYF NOTICE
This document describes the purpose and highlights of the TSO Command Processor FDP, written in Assembler. Provides the print command for a TSO terminal user to list a data set on a 3284 or 3286 printer.

This Availability Notice contains complete ordering instructions for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Notice, 4 pages
/////5798-AYF

SB21-1123

TSO COMMAND PROCESSOR - FDP 5798-AYF DESCRIPTION/OPERATIONS
This document describes the capabilities of the FDP and the programs of the TSO Command Processor FDP, written in Assembler. Provides the print command for a TSO terminal user to list a data set on a 3284 or 3286 printer.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 53 pages
/////5798-AYF

LB21-1124

TSO COMMAND PROCESSOR - FDP 5798-AYF SYSTEMS GUIDE
This document describes the steps necessary to modify the TSO Command Processor FDP, written in Assembler. Provides the print command for a TSO terminal user to list a data set on a 3284 or 3286 printer.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
Guide, 51 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SB21-1135

AUTOMATIC LINE SPEED SELECTION FOR 3704/3705
FDP 5798-AYR DESCRIPTION/OPERATIONS
This document describes the capabilities of the FDP and the programs of the Automatic Line Speed selection on 3704/3705 which allows the 3704/3705 equipped with a Communication Scanner Type 1 or 2 running in Emulation Mode (360E-TX-033) to detect line speed and device type of various dial up terminals. A maximum of four different line speeds (110,134,5,150 and 300 baud) and three different start-stop line codes (9/7,10/8, 11/8) can be accommodated.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 14 pages
/////5798-AYR

LB21-1136

AUTOMATIC LINE SPEED SELECTION FOR IBM 3704/3705
FDP 5798-AYR SYSTEMS GUIDE

This document describes the steps necessary to modify the Automatic Line Speed selection on 3704/3705 FDP. Written in Assembler OS this FDP allows the 3704/3705 equipped with a Communication Scanner Type 1 or 2 running in Emulation Mode (360H-TX-033) to detect line speed and device type of various dial up terminals. A maximum of four different line speeds (110,134,5,150 and 300 baud) and three different start-stop line codes (9/7,10/8,11/8) can be accommodated.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
Manual, 16 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SB21-1181

CICS PERFORMANCE ANALYZER - FDP 5798-AZN
DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the CICS Performance Analyzer. The FDP is written in Assembler.

The program gathers statistics about user transactions run under control of CICS. The type of information gathered is CPU execution time, total transaction time, largest amount of core used, the total entries to a file control access method, and so on. The information is very useful for performance evaluation and system tuning.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 62 pages
/////5798-AZN

GB21-1195

UTILITY DATA REDUCTION SUBROUTINES FOR S/360-370
FDP 5798-AZW, NOTICE

This document describes the purpose and highlights of the Utility Data Reduction Subroutines FDP written in DOS or OS for S/360-370. These are general purpose utilities designed to reduce the size of records stored in auxiliary storage devices. One subroutine condenses the record by deleting from it unnecessary or null characters, and a second subroutine reconstructs the original record. The deleted characters may vary from three or four in a field to thousands of types per record.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Availability Notice, 2 pages
/////5798-AZW

SB21-1196

UTILITY DATA REDUCTION SUBROUTINES FOR S/360-370
FDP 5798-AZW DESCRIPTIONS/OPERATIONS

This document describes the capabilities of the FDP and the programs of the Utility Data Reduction Subroutines. These are general purpose utilities designed to reduce the size of records stored in auxiliary storage devices. One subroutine condenses the record by deleting from it unnecessary or null characters, and a second subroutine reconstructs the original record. The deleted characters may vary from three or four in a field to thousands of types per record.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 12 pages
/////5798-AZW

LB21-1197

UTILITY DATA REDUCTION SUBROUTINES FOR S/360-370
FDP 5798-AZW, SYSTEMS GUIDE

This document describes the steps necessary to modify the Utility Data Reduction Subroutines FDP written in DCS or OS for S/360-370. These are general purpose utilities designed to reduce the size of records stored in auxiliary storage devices. One subroutine condenses the record by deleting from it unnecessary or null characters, and a second subroutine reconstructs the original record. The deleted characters may vary from three or four in a field to thousands of types per record.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
Systems Guide, 7 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1210

ON-LINE PREPARATION OF VIDEO/370 FORMATS
FDP 5798-BAC, NOTICE

This 4 page documentation describes and highlights the purpose of the On-Line Preparation of VIDEO/370 Formats FDP. Written in RPG II, this FDP consists of three formats for VIDEO/370 and a set of Assembler language macros that expand into VIDEO/370 format definition statements. The FLF

eliminates the use of coding sheets for preparation of formats by allowing creation of formats from a picture of a proposed screen layout. The FDP provides a fill-in-the-blanks approach so that no keywords have to be coded.

Three basic screen formats are used during the definition of a new document. The first describes the document name and exit routines. The second is used for entering information about the fields. The third type is used to describe how the fields should be extracted. The input that is keyed on the 3270 is, in most cases, a single character as opposed to a keyword if a coding sheet is used.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Availability Notice, 4 pages
/////5798-BAC

SB21-1211

ON-LINE PREPARATION OF VIDEO/370 FORMATS
FDP 5798-BAC, DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of On-Line Preparation of VIDEO/370 Formats FDP. Written in RPG II, this FDP consists of three formats for VIDEO/370 and a set of Assembler language macros that expand into VIDEO/370 format definition statements. The FDP eliminates the use of coding sheets for preparation of formats by allowing creation of formats from a picture of a proposed screen layout. The FDP provides a fill-in-the-blanks approach so that no keywords have to be coded.

Three basic screen formats are used during the definition of a new document. The first describes the document name and exit routines. The second is used for entering information about the fields. The third type is used to describe how the fields should be extracted. The input that is keyed on the 3270 is, in most cases, a single character as opposed to a keyword if a coding sheet is used.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 46 pages
/////5798-BAC

LB21-1212

ON-LINE PREPARATION OF VIDEO/370 FORMATS
FDP 5798-BAC - SYSTEMS GUIDE

This document describes the steps necessary to modify the On-Line Preparation of VIDEO/370 Formats FDP. Written in RPG II, this FDP consists of three formats for VIDEO/370 and a set of Assembler language macros that expand into VIDEO/370 format definition statements. The FDP eliminates the use of coding sheets for preparation of formats by allowing creation of formats from a picture of a proposed screen layout. The FDP provides a fill-in-the-blanks approach so that no keywords have to be coded.

Three basic screen formats are used during the definition of a new document. The first describes the document name and exit routines. The second is used for entering information about the fields. The third type is used to describe how the fields should be extracted. The input that is keyed on the 3270 is, in most cases, a single character as opposed to a keyword if a coding sheet is used.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
Systems Guide, 12 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1249

DOS/VS POWER WORKSTATION SUPPORT FOR THE IBM 2922
FDP 5798-BBY - NOTICE

This document describes the purpose and highlights of the DOS/VS POWER Workstation Support for the IBM 2922 FDP. Written in Model 20 Assembler this FDP provides a workstation program for the IBM 2922 Programmable Terminal communicating with DOS/VS Power RJE. The program in effect simulates the responses of the IBM 2780 thereby eliminating the need to modify DOS/VS Power RJE. The FDP supports the card reader, printer, card punch and console.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Flyer, 4 pages
/////5798-BBY

SB21-1250

DOS/VS POWER WORKSTATION SUPPORT FOR THE IBM 2922
FDP 5798-BBY - DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the DOS/VS POWER Workstation Support for the IBM 2922 FDP. Written in Model 20 Assembler this FDP provides a workstation program for the IBM 2922 Programmable Terminal communicating with DOS/VS Power RJE. The program in effect simulates the responses of the IBM 2780 thereby eliminating the need to modify DOS/VS Power RJE. The FDP supports the card reader, printer, card punch and console.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 40 pages
/////5798-BBY

LB21-1251

DOS/VS POWER WORKSTATION SUPPORT FOR THE IBM 2922
FDP 5798-BBY

This document describes the steps necessary to modify the DOS/VS POWER Workstation Support for the IBM 2922 FDP. Written in Model 20 Assembler this FDP provides a workstation program for the IBM 2922 Programmable Terminal communicating with DOS/VS Power RJE. The program in effect simulates the responses of the IBM 2780 thereby eliminating the need to modify DOS/VS Power RJE. The FDP supports the card reader, printer, card punch and console.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
Manual, 28 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1273

TSO/VS2 PROGRAMMING CONTROL FACILITY - FDP 5798-EBJ - NOTICE
DESCRIPTION/OPERATIONS

This document describes the purpose and highlights of TSO/VS2 Programming Control Facility, and is written in VS/Assembler.

The purpose of the TSO/VS Programming Control Facility is to provide significant enhancements to OS/VS2 TSO in the following areas:

- File Access control and security
- TSO command subsetting and program execution control by user
- SMF accounting data optionally recorded for each command and subcommand
- ability to issue any command from subcommand mode and enter multiple commands on a line

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Availability Notice, 5 pages
/////5798-EBJ

SB21-1274

TSO/VS2 PROGRAMMING CONTROL FACILITY - FDP 5798-EBJ
DESCRIPTION/OPERATIONS

This document describes the purpose and highlights of TSO/VS2 Programming Control Facility, and is written in VS/Assembler.

The purpose of the TSO/VS Programming Control Facility is to provide significant enhancements to OS/VS2 TSO in the following areas:

- File Access control and security
- TSO command subsetting and program execution control by user
- SMF accounting data optionally recorded for each command and subcommand
- ability to issue any command from subcommand mode and enter multiple commands on a line

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 39 pages
/////5798-EBJ

LB21-1275

TSO/VS2 PROGRAMMING CONTROL FACILITY - FDP 5798-EBJ
SYSTEMS GUIDE

This document describes the purpose and highlights of TSO/VS2 Programming Control Facility, and is written in VS/Assembler.

The purpose of the TSO/VS Programming Control Facility is to provide significant enhancements to OS/VS2 TSO in the following areas:

- File Access control and security
- TSO command subsetting and program execution control by user
- SMF accounting data optionally recorded for each command and subcommand
- ability to issue any command from subcommand mode and enter multiple commands on a line

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
Manual, 23 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1279

GIS/DDT TRANSLATION FROM IMS/DBD - FDP 5798-EBR,
DESCRIPTION/OPERATIONS

This document, written in Basic Assembler, describes the purpose and highlights of GIS/DDT from IMS/DBD.

The simple query and report functions provided by GIS can considerably reduce both programming effort and elapsed time required to answer low volume requests for IMS data base information. This further automates the procedures required for GIS access, by converting existing IMS DBDs to GIS data description tables (DDTs).

IMSDDT (an intermediate step in this program) would be

used initially as a quick method of creating error free DDTs for existing IMS data bases. The output thus generated can then be immediately inputted to the GIS monitor to create the necessary entries for GIS processing of the data base. As this method uses previously validated descriptions of the IMS data base, validity and compatibility errors that might be introduced through the keying of a separate description of the data base, may be avoided.
Availability Notice, 8 1/2 x 11 inches, 2 pages, 12/74tG1
/////5798-BBN
/////5798-BBN

designed to produce real-time, dynamic display of real storage utilization and paging rate of an OS/VS2 Release 1 system. The display may be produced on an IBM 3270 locally attached, an IBM 2260 locally attached, or any device supported by BSAM.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 24 pages
/////5798-BCL

SB21-1280

GIS/DDT TRANSLATION OF IMS/DBD FDP 5798-BBN DESCRIPTION/ OPERATIONS

This manual describes the capabilities of the system and the programs. Discussion of design assumptions and potential modification areas are included. Record and file layouts are described and primary processing procedures specified. This manual is both a system description and an installation and operations reference document.
Manual, 35 pages, 1/76
/////5798-BBN

LB21-1281

GIS/DDT TRANSLATION FORM IMS/DBD - FDP 5798-BBN, SYSTEM GUIDE

This document, written in Basic Assembler, describes the steps necessary to modify the GIS/DDT Translation from IMS/DBD.

The simple query and report functions provided by GIS can considerably reduce both programming effort and elapsed time required to answer low volume requests for IMS data base information. This program further automates the procedures required for GIS access by converting existing IMS DBDs to GIS data description tables (DDTs).

IMSDDT (an intermediate step in this program) would be used initially as a quick method of creating error free DDTs for existing IMS data bases. The output generated can then be immediately inputted to the GIS monitor to create the necessary entries required for GIS processing of the data base. As this method uses previously validated descriptions of the IMS data bases, validity and compatibility errors that might be introduced through the keying of a separate description of the data base, may be avoided.

This system guide provides the Systems Analyst with the necessary information on the design, logic, and coding of the system to enable him to make modifications, diagnose program errors, and perform program maintenance.
SYSTEMS GUIDE, 8 1/2 x 11 inches, 23 pages, 11/74
SLSS - ORDER NO. SUBSCRIPTION ONLY

GB21-1291

3330 DEVICE SUPPORT EXTENDED-S/370 OS/MFT/MVT FDP 5798-BCE NOTICE

This document describes the purpose and highlights of the 3330 Device Support Extended-S/370 OS/MFT/MVT FDP written in S/370 Assembler. Provides OS Release 21 users with modifications and procedures required to extend current 3330 support to include the 3333/3330 Model II. The modifications allow the user to take advantage of the new 200-megabyte capacity. Programs which use standard OS access methods in a device independent manner can be extended to function properly while using the full capacity of the 3333/3330 Model II. Due to the technique used, some user restrictions are necessary. These are described in the Availability Notice and in the documentation. Planned availability is March 15, 1974.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Flyer, 3 pages
/////5798-BCE

SB21-1292

3330 DEVICE SUPPORT EXTENDED S/370 OS/MFT/MVT FDP 5798-BCE DESCRIPTION/OPERATIONS

Provides OS Release 21 users with modifications and procedures required to extend current 3330 support to include the 3333/3330 Model II. The modifications allow the user to take advantage of the new 200-megabyte capacity. Programs which use standard OS access methods in a device independent manner can be extended to function properly while using the full capacity of the 3333/3330 Model II. Due to the technique used, some user restrictions are necessary. These are described in the Availability Notice and in the documentation. Planned availability is March 15, 1974.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 25 pages
/////5798-BCE

SB21-1295

OS/VS2 RELEASE 1 STORAGE UTILIZATION DISPLAY PROGRAM FDP 5798-BCL DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP the programs of the OS/VS2 Release 1 Storage Utilization Display Program. Written in PL/1 and Assembler this FDP is

LB21-1296

OS/VS2 RELEASE 1 STORAGE UTILIZATION DISPLAY PROGRAM FDP 5798-BCL - SYSTEMS GUIDE

This document describes the steps necessary to modify the OS/VS2 Release 1 Storage Utilization Display Program. Written in PL/1 and Assembler this FDP is designed to produce real-time, dynamic display of real storage utilization and paging rate of an OS/VS2 Release 1 system. The display may be produced on an IBM 3270 locally attached, an IBM 2260 locally attached, or any device supported by BSAM.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
Manual, 18 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1336

IMS DC MONITOR FDP 5798-BDF, NOTICE

This document describes the purpose and highlights of the IMS DC Monitor. It is written in Assembler. The IMS DC Monitor is a facility for collecting data on the internal activities of IMS 2.3/2.4 systems. The monitor analyzes and records these internal activities, including the processing of teleprocessing input-output, data language 1, application scheduling, application termination, message format services, and checkpoint restart. The monitor is loaded with the IMS control region and, upon operator command, traps information to an independent log file. A report program, also supplied can be processed off-line to produce a set of reports that summarize and categorize the collected activities at various levels of detail. This tool could be valuable in validating performance and investigating specific application design, data base design, and implementation choices during the testing, implementation, and operating phases of IMS DB/DC systems.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning users of the program and others who require information concerning it.
Availability notice, 8 pages
/////5798-BDF

SB21-1337

IMS DC MONITOR - FDP 5798-BDF, DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the IMS DC Monitor. It is written in Assembler.

The IMS DC Monitor is a facility for collecting data on the internal activities of IMS 2.3/2.4 DB/DC systems. The monitor analyzes and records these internal activities, including the application scheduling, application termination, message format services, and checkpoint restart. The monitor is loaded with the IMS control region and upon operator command, traps information to an independent log file. A report program, also supplied, can be processed offline to produce a set of reports that summarize and categorize the collected activities at various levels of detail. This tool could be valuable in validating performance and investigating specific application design, data base design, and implementation choices during the testing, implementation, and operating phases of IMS DB/DC systems. This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Description/Operations, 91 pages
/////5798-BDF

LB21-1338

IMS DC MONITOR FDP 5798-BDF SYSTEMS GUIDE

This document describes the steps necessary to modify the IMS DC Monitor. It is written in Assembler. The IMS DC Monitor is a facility for collecting data on the internal activities of IMS 2.3/2.4 DB/DC systems. The monitor analyzes and records these internal activities, including the processing of teleprocessing input-output, data language 1, application scheduling, application termination, message format services, and checkpoint restart. The monitor is loaded with the IMS control region and, upon operator command, traps information to an independent log file. A report program, also supplied, can be processed off-line to produce a set of reports that summarize and categorize the collected activities at various levels of detail. This tool could be valuable in validating performance and investigating specific application design, data base design, and implementation choices during the testing, implementation, and operating phases of IMS DB/DC systems.

This systems guide provides the Systems Analyst with the

necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
Systems guide, 56 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1342

3890 DOS/VS APPLICATION/INSTALLATION SUPPORT (5798-BDC)
FDP AVAILABILITY NOTICE

This document describes the

purpose and highlights of 3890 DOS/VS Application/Installation Support.

This FDP utilizes the standard user interfaces available to the DOS/VS user and provides him with the following capabilities:

- o Sort control instructions with an editor facility
- o A 3270 Jam Display Routine
- o A storage print facility

These application functions will enable the user to increase his personnel productivity and facilitate 3890 program testing and analysis.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Availability Notice, 4 pages
/////5798-BDC

SB21-1343

3890 DOS/VS APPLICATION/INSTALLATION SUPPORT - FDP 5798-BDC,
DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the 3890 DOS/VS Application/Installation Support.

This FDP utilizes the standard user interfaces available to the DOS/VS user and provides him with the following capabilities:

- o Sort control instructions with an editor facility
- o A 3270 Jam Display Routine
- o A storage print facility

These application functions will enable the user to increase his personnel productivity and facilitate 3890 program testing and analysis.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 68 pages
/////5798-BDC

GB21-1361

DOS/VS SORT FOR 1400 FILES FDP 5798-BDB, NOTICE

This document describes the

purpose and highlights of DOS/VS Sort for 1400 Files.

This Field Developed Program operates with the DOS/VS Sort programs (5746-SM1) intended to reduce sort (5743-SM1) times within most 1400 emulator installations currently using Sort 5 or 6 under 1400 emulation.

This program provides most of the functions contained in the 1400 Sort programs through an assembler macro which will generate a program interface to the DOS Sort programs. The user may continue to use his 1400/1311 sort control cards and his 1400 files.

The input and output file format is independently specified so that conversion from one format to another is also possible.

The supported file formats include CS or spanned tape, emulator format disk (2319, 3330, 3340) or sequential 370 disk and tape.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Availability Notice, 4 pages
/////5798-BDB

SB21-1362

DOS/VS SORT FOR 1400 FILES FDP 5798-BDB,
DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the DOS/VS Sort for 1400 Files.

This Field Developed Program operates with the DOS/VS Sort programs (5746-SM1) intended to reduce sort (5743-SM1) times within most 1400 emulator installations currently using Sort 5 or 6 under 1400 emulation.

This program provides most of the functions contained in the 1400 Sort programs through an assembler macro which will generate a program interface to the DOS Sort programs. The user may continue to use his 1400/1311 sort control cards and his 1400 files.

The input and output file format is independently specified to that conversion from one format to another is also possible.

The supported file formats include CS or spanned tape, emulator format disk (2319, 330, 3340,) or sequential 370 disk and tape.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 25 pages
/////5798-BDB

LB21-1363

DOS/VS SORT FOR 1400 FILES FDP 5798-BDB SYSTEMS GUIDE

This document describes the

steps necessary to modify the DOS/VS Sort for 1400 Files.

This Field Developed Program operates with the DOS/VS Sort programs (5746-SM1) intended to reduce sort (5743-SM1) times within most 1400 emulator installations currently using Sort 5 or 6 under 1400 emulation. This program provides most of the functions contained in the 1400 Sort programs through an assembler macro which will generate a program interface to the DOS Sort programs. The user may continue to use his 1400/1311 sort control cards and his 1400 files. The input and output file format is independently specified so that conversion from one format to another is also possible. The supported file formats include CS or spanned tape, emulator format disk (2319, 3330, 3340) or sequential 370 disk and tape. This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Systems guide, 25 pages
SLSS - IBM INTERNAL DESCRIPTION ONLY

GB21-1373

CICS SOURCE PROGRAM MAINTENANCE CN-LINE - FDP 5798-BDT,
NOTICE

This document describes the purpose and highlights of CICS Source Program Maintenance Cn-Line.

Designed to provide the capability of storing source programs on disk, retrieving them and modifying them in conversational mode at a terminal and creating job streams from the terminal to be used to compile and test the programs. Extends the power of a CICS on-line system to programmers and systems programmers via a 3270.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Flyer, 4 pages
/////5798-BDT

SB21-1374

CICS SOURCE PROGRAM MAINTENANCE CN-LINE FDP 5798-BDT
DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the CICS Source Program Maintenance Cn-Line.

Designed to provide capability of storing source programs on disk, retrieving them and modifying them in conversational mode at a terminal and creating job streams from the terminal to be used to compile and test the programs. Extends the power of a CICS on-line system to programmers and systems programmers via a 3270.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 112 pages
/////5798-BDT

GB21-1376

CMS SORT FOR VM/370 FDP 5798-BDW, NOTICE

This document describes the purpose and highlights of CMS Sort for VM/370.

This FDP provides several sort programs and subroutines which run under the CMS component of VM/370. They may be invoked from a COBOL, PL/I, FORTRAN, or BAL program, or as a CMS command. Compared with the SORT component of CMS, these programs offer a compatible replacement for the CMS sort command with improved function and performance.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Availability Notice, 4 pages
/////5798-BDW

SB21-1377

CMS SORT FOR VM/370 FDP 5798-BDW DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the program of the CMS Sort for VM/370. It is written in assembler.

This FDP provides several sort programs and subroutines which run under the CMS component of VM/370. They may be invoked from a COBOL, PL/I, FORTRAN, or BAL program, or as a CMS command. Compared with the SORT component of CMS, these programs offer a compatible replacement for the CMS sort command with improved function and performance.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 28 pages
/////5798-BDW

LB21-1378

CMS SORT FOR VM/370 FDP 5798-BDW SYSTEMS GUIDE

This document describes the

steps necessary to modify the CMS Sort for VM/370.

- o Changes to VM/370 publications.
- o Modules added, deleted, or modified for the

- current release and program level change.
- o Ordering and distribution procedures for the current release and program level change.
- A List of VM/370 Restrictions.

Systems Guide, 20 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1386

DBOMP INTERFACE FOR RPG II - SYSTEM/370 DOS/VS - FDP 5798-BDZ, NOTICE

This document describes the purpose and highlights of DBOMP Interface for RPG II - System/370 DOS/VS.

The DBOMP Interface for RPG II is designed to permit retrieval and maintenance of DBOMP databases using DOS RPG II. The use of the interface programs does not require expertise in assembler language programming; the FDP programs handle the sophisticated file manipulations that are required, allowing the programmer to concentrate his RPG II expertise on his application program.

The design of the FDP, when combined with the full capabilities of RPG II, should assist users in reducing the time and effort involved with implementing new applications. DL/I (5746-XX1) and DL/I ENTRY (5746-XX7) should be considered as alternatives to this Field Developed Program.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Availability Notice, 4 pages

////5798-BDZ

SB21-1387

DBOMP INTERFACE FOR RPG II - SYSTEM/370 DOS/VS (5798-EDZ) FDP 5798-BDZ DESCRIPTION/OPERATIONS

Describes the capabilities of the FDP and the programs of the DBOMP Interface for RPG II - System/370 DOS/VS.

The DBOMP Interface for RPG II is designed to permit retrieval and maintenance of DBOMP databases using DOS RPG II. The use of the interface programs does not require expertise in assembler language programming; the FDP programs handle the sophisticated file manipulations that are required, allowing the programmer to concentrate his RPG II expertise on his application program.

The design of the FDP, when combined with the full capabilities of RPG II, should assist users in reducing the time and effort involved with implementing new applications. DL/I (5746-XX1) and DL/I ENTRY (5746-XX7) should be considered as alternatives to this Field Developed Program.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 130 pages

////5798-BDZ

LB21-1388

DBOMP INTERFACE FOR RPG II - SYSTEM/370 DOS/VS (5798-BDZ) FDP SYSTEMS GUIDE

Describes the steps necessary to modify the DBOMP interface for RPG II - System/370 DOS/VS.

The DBOMP Interface for RPG II is designed to permit retrieval and maintenance of DBOMP databases using DOS RPG II. The use of the interface programs does not require expertise in assembler language programming; the FDP programs handle the sophisticated file manipulations that are required, allowing the programmer to concentrate his RPG II expertise on his application program.

The design of the FDP, when combined with the full capabilities of RPG II, should assist users in reducing the time and effort involved with implementing new applications. DL/I (5746-XX1) and DL/I ENTRY (5746-XX7) should be considered as alternatives to this Field Developed Program.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Systems Guide, 27 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SB21-1399

DOS/DITTO EXTENSIONS FOR S/370 - FDP 5798-CAF, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-2190 (5798-ARN/CAF).

Manual, 48 pages

////5798-CAF

LB21-1400

DOS/DITTO EXTENSIONS FOR S/370 - FDP 5798-CAF, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program see abstract for GB21-2190 (5798-ARN/CAF).

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1401

IMS LOG TAPE ANALYSIS - FDP 5798-CAQ, NOTICE

This document describes the purpose and highlights of IMS Log Tape Analysis.

This FDP is designed to read an IMS EB/DC System log tape and summarize the response times experienced and the number of transactions submitted by source terminals during a user specified time period. The program reads a completed log tape and collects response time data for user specified transaction codes. A report line is printed to summarize accumulated percentages of response times, spread from 1 to 23 seconds, for each user specified time increment. A summary report of the number of the user specified input transactions submitted by each physical terminal is produced at the end of the analysis. This FDP can be used to determine IMS system performance and work load in relation to the terminal user environment. Response time can be analyzed when tuning an IMS DE/DC System or relative to changes in system configuration, an application program, or system volumes. This FDP can be used in conjunction with the IMS DC Monitor FDP (5798-PCF) to analyze response time and transaction volumes during the time interval being monitored.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Availability Notice, 6 pages

////5798-CAQ

SB21-1402

IMS LOG TAPE ANALYSIS - FDP 5798-CAQ, DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the IMS Log Tape Analysis.

This FDP is designed to read an IMS EB/DC System log tape and summarize the response times experienced and the number of transactions submitted by source terminals during a user specified time period. The program reads a completed log tape and collects response time data for user specified transaction codes. A report line is printed to summarize accumulated percentages of response times, spread from 1 to 23 seconds, for each user specified time increment. A summary report of the number of the user specified input transactions submitted by each physical terminal is produced at the end of the analysis. This FDP can be used to determine IMS system performance and work load in relation to the terminal user environment. Response time can be analyzed when tuning an IMS DB/DC System or relative to changes in system configuration, an application program, or system volumes. This FDP can be used in conjunction with the IMS DC Monitor FDP (5798-BDF) to analyze response time and transaction volumes during the time interval being monitored.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 29 pages

////5798-CAQ

LB21-1403

IMS LOG TAPE ANALYSIS - FDP 5798-CAQ, SYSTEMS GUIDE

This document describes the steps necessary to modify the IMS Log Tape Analysis.

This FDP is designed to read an IMS EB/DC System log tape and summarize the response times experienced and the number of transactions submitted by source terminals during a user specified time period. The program reads a completed log tape and collects response time data for user specified transaction codes. A report line is printed to summarize accumulated percentages of response times, spread from 1 to 23 seconds, for each user specified time increment. A summary report of the number of the user specified input transactions submitted by each physical terminal is produced at the end of the analysis. This FDP can be used to determine IMS system performance and work load in relation to the terminal user environment. Response time can be analyzed when tuning an IMS DB/DC System or relative to changes in system configuration, an application program, or system volumes. This FDP can be used in conjunction with the IMS DC Monitor FDP (5798-BDF) to analyze response time and transaction volumes during the time interval being monitored.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Manual, 30 pages

Manual, 30 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1404

VS/1 UTILIZATION MONITOR - FDP 5798-CAK, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

VS/1 Utilization Monitor is a software system monitor that provides users with the ability to measure, evaluate, and document application program characteristics while executing in a virtual (VS/1) environment. The VS/1 Utilization Monitor reports provide a broad range of information at both a summary and/or detail level with

minimal degradation, easy access, and flexibility in use.

This package consists of two programs: (1) VS/1 Utilization Monitor Trace Program which captures system and job related data and records the information to a log tape on a timed basis (normally every two seconds); (2) VS/1 Utilization Monitor Analysis/report Program processes the log tape and generates the requested reports.

VS/1 Utilization Monitor captures and reports the three basic dimensions of a computing system: CPU utilization, I/O activity, and storage usage - both real and virtual. Information on these dimensions and their sub-parts are available at various user-selected levels, from detailed lines for each observation to a summary sheet for an entire run. At the detail level, the dynamics of the virtual system graphically display the impact of the application program.

Thirteen different reports have been designed to provide insights from many different perspectives to programs operating in the virtual VS/1 system.

Charting and graphing techniques have been used to visually display the dynamics of the virtual system.

Users of the Monitor will vary, but would normally be the systems programmers and application programmers. A single individual would not normally require the use of all VS/1 Utilization Monitor reports for a single assignment. Flyer, 12 pages
 ////5798-CAK

SB21-1405

VS1 UTILIZATION MONITOR (5798-CAK)
FDP PROGRAM DESCRIPTION/OPERATIONS MANUAL

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

This document describes the capabilities of the FDP and the programs of the VS1 Utilization Monitor.

A software systems monitor that provides the ability to measure, evaluate and document application program characteristics while executing in a virtual (VS1) environment. It provides information on CPU activity, paging activity, channel activity, I/O device activity, main storage occupancy and working sets under varying paging conditions. Report options allow problem program analysis at the system, partition, job or step level in summarized or detailed form. Program Description/Operations Manual, 180 pages
 ////5798-CAK

GB21-1413

DOS/VS FILE/OPERATIONS CONTROL LANGUAGE - FDP 5798-CAG,
NOTICE

This document describes the purpose and highlights of DOS/VS File/Operations Control Language.

This FDP eases the operational aspects of external file management through the use of a control language. A systems programmer can now structure jobstreams for efficient operation, while improving backup capabilities, increasing control, and reducing operator error. Included in this FDP is the ability to (1) modify VTOC information to expire or delete files by an event, (2) create and maintain a directory of data sets with generation relationships and status information and (3) generate user-defined reports to guide operators through file backup/recovery operations.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it. Availability Notice, 4 pages
 ////5798-CAG

SB21-1414

DOS/VS FILE/OPERATIONS CONTROL LANGUAGE - FDP 5798-CAG,
DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the DOS/VS File/Operations Control Language.

This FDP eases the operational aspects of external file management through the use of a control language. A systems programmer can now structure jobstreams for efficient operation, while improving backup capabilities, increasing control, and reducing operator error. Included in this FDP is the ability to (1) modify VTOC information to expire or delete files by an event, (2) create and maintain a directory of data sets with generation relationships and status information, and (3) generate user-defined reports to guide operators through file backup/recovery operations.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program. Manual, 88 pages
 ////5798-CAG

GB21-1425

IMS/VS 2260-3270 CONVERSION AID - FDP 5798-CBB, NOTICE

This document describes the purpose and highlights of IMS/VS 2260-3270 Conversion Aid.

The IBM 3270 Information Display System, with its advanced features, is an excellent replacement for IBM 2260 and 2265 Display Stations. The IMS/360 Conversion Aid FDP 5798-ASG allowed IMS users to convert smoothly from 2260s to 3270s, in an IMS/Version 2.3 and OS environment. This FDP

5798-ASG so that it will operate with IMS Version 2.3 under both OS/360 and OS/VS, and also with IMS/VS under OS/VS. Thus, 2260s can now be replaced by 3270s in an orderly manner during any stage of an installation's migration from IMS/Version 2.3 and OS/360 to IMS/VS and OS/VS.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it. Availability Notice, 4 pages
 ////5798-CBB

SB21-1426

IMS/VS 2260-3270 CONVERSION AID - FDP 5798-CBB,
DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the IMS/VS 2260-3270 Conversion Aid.

The IBM 3270 Information Display System, with its advanced features, is an excellent replacement for IBM 2260 and 2265 Display Stations. The IMS/360 Conversion Aid FDP 5798-ASG allowed IMS users to convert smoothly from 2260s to 3270s, in an IMS/Version 2.3 and OS environment. This FDP expands 5798-ASG so that it will operate with IMS/Version 2.3 under both OS/360 and OS/VS, and also with IMS/VS under OS/VS.

Thus, 2260's can now be replaced by 3270s in an orderly manner during any stage of an installation's migration from IMS/Version 2.3 and OS/360 to IMS/VS and OS/VS.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program. Manual, 17 pages
 ////5798-CBB

LB21-1427

IMS/VS 2260-3270 CONVERSION AID - FDP 5798-CBB, SYSTEMS
GUIDE

This document describes the steps necessary to modify the IMS/VS 2260-3270 Conversion Aid.

The IBM 3270 Information Display System, with its advanced features, is an excellent replacement for IBM 2260 and 2265 Display Stations. The IMS/360 Conversion Aid FDP 5798-ASG allowed IMS users to convert smoothly from 2260s to 3270s, in an IMS/Version 2.3 and OS environment. This FDP expands 5798-ASG so that it will operate with IMS/Version 2.3 under both OS/360 and OS/VS, and also with IMS/VS under OS/VS. Thus 2260s can now be replaced by 3270s in an orderly manner during any stage of an installation's migration from IMS/Version 2.3 and OS/360 to IMS/VS and OS/VS.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance. Manual, 17 pages
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1441

CICS/M.T.C.S. 3270 SCREEN FORMAT UTILITY - FDP 5798-CBB,
NOTICE

This document describes the purpose and highlights of CICS/M.T.C.S. 3270 Screen Format Utility.

This FDP consists of programs and procedures which greatly simplify the creation of input and output maps for the 3270 under MTCs, CICS or CICS/VS. The TP control system may be running under DOS, DOS/VS, OS/MFT, OS/MVT, OS/VS1 or OS/VS2 on a System/370. The main program allows the user to specify his screen layout directly on an 80-column form and have the necessary control blocks generated directly from the screen layout. This makes coding new screens and changing existing screens extremely simple while reducing the chance for error. The existing Basic Mapping Support Facilities of CICS are used to provide the execution time map retrieval, interpretation services.

Optional features allow the user to explicitly name fields, to repeat fields (VS), insert EIT words in a DSECT (VS) and to preview an output screen on a 3270 prior to coding the application program.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it. Availability Notice, 6 pages
 ////5798-CBB

SB21-1442

CICS/M.T.C.S. 3270 SCREEN FORMAT UTILITY - FDP 5798-CBB,
DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the CICS/M.T.C.S. 3270 Screen Format Utility.

This FDP consists of programs and procedures which greatly simplify the creation of input and output maps for the 3270 under MTCs, CICS or CICS/VS. The TP control system may be running under DOS, DOS/VS, OS/MFT, OS/MVT, OS/VS1 or OS/VS2 on a System/370. The main program allows the user to specify his screen layout directly on an 80-column form and have the necessary control blocks generated directly from the screen layout. This makes coding new screens and

changing existing screens extremely simple while reducing the chance for error. The existing Basic Mapping Support Facilities of CICS are used to provide the execution time map retrieval, interpretation services.

Optional features allow the user to explicitly name fields, to repeat fields (VS), insert EDIT words in a DSECT (VS) and to preview an output screen on a 3270 prior to coding the application program.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 275 pages
/////5798-CBH

LB21-1443

CICS/M.T.C.S. 3270 SCREEN FORMAT UTILITY - FDP 5798-CBH, SYSTEMS GUIDE

This document describes the steps necessary to modify the CICS/M.T.C.S. 3270 Screen Format Utility.

This FDP consists of programs and procedures which greatly simplify the creation of input and output maps for the 3270 under MTCs, CICS or CICS/VS. The TP control system may be running under DOS, DOS/VS, OS/MFT, OS/HVT, OS/VS1 or OS/VS2 on a System/370. The main program allows the user to specify his screen layout directly on an 80-column form and have the necessary control blocks generated directly from the screen layout. This makes coding new screens and changing existing screens extremely simple while reducing the chance for error. The existing Basic Mapping Support Facilities of CICS are used to provide the execution time map retrieval, interpretation services.

Optional features allow the user to explicitly name fields, to repeat fields (VS), insert EDIT words in a DSECT (VS) and to preview an output screen on a 3270 prior to coding the application program.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
Manual, 30 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1447

CONVERSION AID: IBM DOS/VS ANS COBOL FROM BURROUGHS B5500 COBOL - FDP 5798-CBP, NOTICE

This document describes the purpose and highlights of Conversion Aid: IBM DOS/VS ANS COBOL from Burroughs B5500 COBOL. The most important functions provided by this program are:

1. Conversion of free form Burroughs code to ANS COBOL format.
2. Character translation (Burroughs to EBCDIC)
3. Expansion of common Burrough's abbreviations to ANS COBOL forms.
4. Implementation of the Burrough's capability to 'copy' previous Data-name levels into adjusted level numbers.
5. Initialization of data in working storage.
6. Conversion of Burrough's relational operator's to ANS COBOL format.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Availability Notice, 4 pages
/////5798-CBP

SB21-1448

CONVERSION AID: IBM DOS/VS ANS COBOL FROM BURROUGHS B5500 COBOL - FDP 5798-CBP, DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the Conversion Aid: IBM DOS/VS ANS COBOL from Burroughs B5500 COBOL.

- The most important functions provided by this program are:
1. Conversion of free form Burroughs code to ANS COBOL format.
 2. Character translation (Burroughs to EBCDIC)
 3. Expansion of common Burrough's abbreviations to ANS COBOL forms.
 4. Implementation of the Burrough's capability to 'copy' previous Data-name levels into adjusted level numbers.
 5. Initialization of data in working storage.
 6. Conversion of Burrough's relational operator's to ANS COBOL format.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 40 pages
/////5798-CBP

GB21-1456

EXTENDING SEQUENTIAL DISK FILES FOR DOS/VS - FDP 5798-CBN, NOTICE

This 2 page Availability Notice, written in Assembler, describes the purpose and highlights of Extending Sequential Disk Files for DOS/VS.

This FDP can help improve performance and reduce disk storage requirements for applications that add records to the end of a sequential disk file, thus, eliminating the need to re-copy the files. The subroutines in this FDP will be included in the user's assembler or COBOL programs through a CALL instruction. The FDP supports 2314, 3330,

and 3340 DASD devices, and does not require special pre-formatting of extents. Blocked or unblocked fixed length records may be added to sequential files and subsequently access through the standard DOS/VS sequential access methods via logical IOCS. Multiple files may be accessed in a user's program though only one copy of the FDP is included in the user's program.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Flyer, 2 pages
/////5798-CBN

SB21-1457

EXTENDING SEQUENTIAL DISK FILES FOR DOS/VS - FDP 5798-CEN, DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the Extending Sequential Disk Files for DOS/VS.

This FDP can help improve performance and reduce disk storage requirements for applications that add records to the end of a sequential disk file, thus, eliminating the need to re-copy the files. The subroutines in this FDP will be included in the user's assembler or COBOL programs through a CALL instruction. The FDP supports 2314, 3330, and 3340 DASD devices, and does not require special pre-formatting of extents. Blocked or unblocked fixed length records may be added to sequential files and subsequently access through the standard DOS/VS sequential access methods via logical IOCS. Multiple files may be accessed in a user's program though only one copy of the FDP is included in the user's program.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 22 pages
/////5798-CBN

LB21-1458

EXTENDING SEQUENTIAL DISK FILES FOR DOS/VS - FDP 5798-CBN, SYSTEMS GUIDE

This document describes the steps necessary to modify the Extending Sequential Disk Files for DOS/VS.

This FDP can help improve performance and reduce disk storage requirements for applications that add records to the end of a sequential disk file, thus, eliminating the need to re-copy the files. The subroutines in this FDP will be included in the user's assembler or COBOL programs through a CALL instruction. The FDP supports 2314, 3330, and 3340 DASD devices, and does not require special pre-formatting of extents. Blocked or unblocked fixed length records may be added to sequential files and subsequently access through the standard DOS/VS sequential access methods via logical IOCS. Multiple files may be accessed in a user's program though only one copy of the FDP is included in the user's program.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
Manual, 12 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1492

CICS/ENTRY SYSTEM STATISTICS - FDP 5798-CB2, NOTICE

This document describes the purpose and highlights of CICS/Entry System Statistics.

This FDP operates as a standard task under CICS DOS Entry 5736X16. It will operate under either DCS or DGS/VS, with CICS Entry running either virtual or real. The function of this CICS task is to display on a 3270 Model 2 terminal all the critical statistics, sizes and counters in a CICS Entry system. It can be used as a task to validate the initial generation of a CICS system. It can be used to monitor the effect of changes to a generated CICS system. It eliminates difficult searching through memory dumps or lengthy calculations to determine the size of the various components of CICS. Once a system is successfully installed, this task can be used to dynamically monitor system activity and parameters. For example, it is possible from a terminal to determine the current settings of things such as max tasks or the storage cushion. Any significant parameters that are not at normal value such as "dump count" not are displayed in high intensity mode on the 3270. An existing FDP, 5798-AXR CICS Dynamic Map, does not support DGS/CICS Entry. This proposed FDP would compliment the existing CICS FDP/IUP programs.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Flyer, 4 pages
/////5798-CB2

SB21-1493

CICS/ENTRY SYSTEM STATISTICS FDP 5798-CBZ
DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the CICS/Entry System Statistics System Statistics.

This FDP operates as a standard task under CICS DOS Entry 5736XX6. It will operate under either DOS or DOS/VS, with CICS Entry running either virtual or real. The function of this CICS task is to display on a 3270 Model 2 terminal all the critical statistics, sizes, and counters in a CICS entry system. It can be used as a task to validate the initial generation of a CICS system. It can be used to monitor the effect of changes to a generated CICS system. It eliminates difficult searching through memory dumps or lengthy calculations to determine the size of the various components of CICS. Once a system is successfully installed, this task can be used to dynamically monitor system activity and parameters. For example, it is possible from a terminal to determine the current settings of things such as max tasks or the storage cushion. Any significant parameters that are not at normal value such as "dump count" not 0 are displayed in high intensity mode on the 3270. An existing FDP, 5798-AMR CICS Dynamic Map, does not support DOS/CICS Entry. This proposed FDP would compliment the existing CICS FDP/IUP programs.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 12 pages
/////5798-CBZ

GB21-1498

CICS/VOLUME TEST FACILITY - FDP 5798-CDJ, NOTICE

This document describes the purpose and highlights of CICS/Volume Test Facility.

CICS Volume Test Facility provides the user with the capability to stress his total teleprocessing system in a production-like environment. The need for volume testing when undertaking changes in terminals, in network configuration, in central hardware systems, in control programs, or in applications is answered by this FDP.

When the Volume Test Facility is installed, the user will be able to use his own terminals and communications network and/or simulated facilities without the need for manning the physical terminals. He will be able to collect test data during normal production. He will use his own application and control programs during the test. He will be able to control the transaction rate, receive feedback on test progress during the test, and change testing parameters dynamically. Statistics in printed form are provided at the conclusion of the test. Each test can be controlled by a single analyst and can be repeated.

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Availability Notice, 4 pages
/////5798-CDJ

SB21-1499

CICS/VOLUME TEST FACILITY - FDP 5798-CDJ DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the CICS/Volume Test Facility.

CICS Volume Test Facility provides the user with the capability to stress his total teleprocessing system in a production-like environment. The need for volume testing when undertaking changes in terminals, in network configuration, in central hardware systems, in control programs, or in applications is answered by this FDP.

When the Volume Test Facility is installed, the user will be able to use his own terminals and communications network and/or simulated facilities without the need for manning the physical terminals. He will be able to collect test data during normal production. He will use his application and control programs during the test. He will be able to control the transaction rate receive feedback on test progress during the test, and change testing parameters dynamically. Statistics in printed form are provided at the conclusion of the test. Each test can be controlled by a single analyst and can be repeated.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 156 pages
/////5798-CDJ

GB21-1504

CICS NETWORK ACTIVITY SIMULATOR - FDP 5798-CCH, NOTICE

This document describes the purpose and highlights of CICS Network Activity Simulator.

This Field Developed Program provides a means of using sequential input support of CICS while introducing delays between messages that would simulate the input messages through a terminal or line. Multiple streams could simulate a multi-line configuration allowing for a controlled rate of messages being processed. Thus by bending the system's resources, the user is able to measure impact on response time, paging, utilization, etc., by comparative analysis.

This Availability Notice contains complete ordering information for the Program and all its related documen-

tation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Availability Notice, 4 pages
/////5798-CCH

SB21-1505

CICS NETWORK ACTIVITY SIMULATOR - FDP 5798-CCH, DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the CICS Network Activity Simulator.

This Field Developed Program provides a means of using sequential input support of CICS while introducing delays between messages that would simulate the input messages through a terminal or line. Multiple streams could simulate a multi-line configuration allowing for a controlled rate of messages being processed. Thus by bending the system's resources, the user is able to measure impact on response time, paging, utilization, etc., by comparative analysis.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 126 pages
/////5798-CCH

GB21-1507

CICS PLOT, FDP 5798-CCG, NOTICE

This document describes the purpose and highlights of CICS PLOT.

This Field Developed Program allows the CICS/VS user to manage the static storage requirements of CICS/VS and to optimize the real storage demands of the CICS system. The product displays both the virtual composition of the CICS/VS partition and the real storage residency of the virtual pages. It will also provide a working set summary which displays the total storage requirements for the resident operating system and the CICS/VS partition.

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Availability Notice, 4 pages
/////5798-CCG

SB21-1508

CICS PLOT - FDP 5798-CCG, DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the CICS PLOT.

This Field Developed Program allows the CICS/VS user to manage the static storage requirements of CICS/VS and to optimize the real storage demands of the CICS system. The product displays both the virtual composition of the CICS/VS partition and the real storage residency of the virtual pages. It will also provide a working set summary which displays the total storage requirements for the resident operating system and the CICS/VS partition.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 58 pages
/////5798-CCG

GB21-1510

VANDL-1/DL/I DATA REASE UTILITY, FDP 5798-CDB, NOTICE

This document describes the purpose and highlights of VANDL-1 DL/I Database Utility.

This Field Developed Program provides VANDL-1 and DL/I users with a quick, efficient technique for generating data base back-up tapes and for restoring to disk from tape. Up to eight VANDL-1 or fifteen DL/I data bases may be copied in a single execution. In addition, the programs have been developed to assist users in converting from VANDL-1 to DL/I since a tape copied from a VANDL-1 data base may be used to restore to a DL/I database.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Availability Notice, 2 pages
/////5798-CDB

SB21-1511

VANDL-1 - DL/I DATABASE UTILITY - FDP 5798-CDB, DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the VANDL-1 - DL/I Database Utility.

This Field Developed Program provides VANDL-1 and DL/I users with a quick, efficient technique for generating data base back-up tapes and for restoring to disk from tape. Up to eight VANDL-1 or fifteen DL/I data bases may be copied in a single execution. In addition, the programs have been developed to assist users in converting from VANDL-1 to DL/I since a tape copied from a VANDL-1 data base may be used to restore to a DL/I database.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 16 pages

/////5798-CDH

LB21-1512

VANDL-1 DL/I DATA BASE UTILITY, FDP 5798-CDH SYSTEMS GUIDE

This document describes the steps necessary to modify the VANDL-1 - DL/I Database Utility.

This Field Developed Program provides VANDL-1 and DL/I users with a quick, efficient technique for generating data base back-up tapes and for restoring to disk from tape. Up to eight VANDL-1 or fifteen DL/I data bases may be copied in a single execution. In addition, the programs have been developed to assist users in converting from VANDL-1 to DL/I since a tape copied from a VANDL-1 database may be used to restore to a DL/I database.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Systems Guide, 13 pages

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GB21-1513

POWER/VS COST & PERFORMANCE ANALYZER, FDP 5798-CDG NOTICE

This document describes the purpose and highlights of POWER/VS Cost and Performance Analyzer.

POWER/VS provides accounting records which contain important information concerning system utilization. The FDP reads these records and generates summary reports which should prove to be of significant benefit to data processing management. Reports include Execution (CPU), I/O Device activity, RJE, and a cost analysis report based on user-specified cost figures. The FDP provides the facility to accumulate daily information for monthly reports. A user modification and/or addition may be developed to use these summary records for monthly billing.

The POWER/VS Cost and Performance Analyzer will provide valuable operating information to Data Processing and Operation Managers. System tuning will be possible by using the Performance Report to change placements of high activity files and indicate where excessive time and resources are used. From the Monthly Cost Analysis (which may be run at any desired frequency), a more enlightened view of computer costs may be obtained. Billing is facilitated because the data needed is available in a tape or disk record and need only be processed against the users customer data as bills are printed.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Availability Notice, 8 pages

/////5798-CDG

SB21-1514

POWER/VS COST AND PERFORMANCE ANALYZER - FDP 5798-CDG, DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the POWER/VS Cost and Performance Analyzer.

POWER/VS provides accounting records which contain important information concerning system utilization. The FDP reads these records and generates summary reports which should prove to be of significant benefit to data processing management. Reports include Execution (CPU), I/O Device Activity, RJE, and a Cost Analysis report based on user-specified cost figures. The FDP provides the facility to accumulate daily information for monthly reports. A user modification and/or addition may be developed to use these summary records for monthly billing.

The POWER/VS Cost and Performance Analyzer will provide valuable operating information to Data Processing and Operation Managers. System tuning will be possible by using the Performance Report to change placements of high activity files and indicate where excessive time and resources are used. From the Monthly Cost Analysis (which may be run at any desired frequency), a more enlightened view of computer costs may be obtained. Billing is facilitated because the data needed is available in a tape or disk record and need only be processed against the users customer data as bills are printed.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 71 pages

/////5798-CDG

LB21-1515

POWER/VS COST & PERFORMANCE ANALYZER, FDP 5798-CDG SYSTEMS GUIDE

This document describes the steps necessary to modify the POWER/VS Cost and Performance Analyzer.

POWER/VS provides accounting records which contain important information concerning system utilization. The FDP reads these records and generates summary reports which should prove to be of significant benefit to data processing management. Reports include Execution (CPU), I/O Device Activity, RJE, and a Cost Analysis report based on user-specified cost figures. The FDP provides the facility to

accumulate daily information for monthly reports. A user modification and/or addition may be developed to use these summary records for monthly billing.

The POWER/VS Cost and Performance Analyzer will provide valuable operating information to Data Processing and Operation Managers. System tuning will be possible by using the Performance Report to change placements of high activity files and indicate where excessive time and resources are used. From the Monthly Cost Analysis (which may be run at any desired frequency), a more enlightened view of computer costs may be obtained. Billing is facilitated because the data needed is available in a tape or disk record and need only be processed against the users customer data as bills are printed.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Manual, 21 pages

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GB21-1546

1400 COMPATIBILITY ACCESS ROUTINE - FDP 5798-CDE, NOTICE

This document describes the purpose and highlights of the 1400 Compatibility Access Routine.

Through the use of this Field Developed Program a System/370 COBOL or Assembler Language program can access disk data files which are in the 1400 Emulator format. The FDP does not require the use of the 1400 Emulator, therefore, orderly conversion of 1400 emulated applications to System/370 native mode operations under DOS/VS is possible. The FDP supports 1311, 1301 and 1405 type files emulated on a 3330 or 3340 Direct Access Storage Device. Data files can be in the track or sector format and in either move or load mode.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Availability Notice, 4 pages

/////5798-CDE

SB21-1547

1400 COMPATIBILITY ACCESS ROUTINE - FDP 5798-CDE, DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the 1400 Compatibility Access Routine.

Through the use of this Field Developed Program a System/370 COBOL or Assembler Language program can access disk data files which are in the 1400 Emulator format. The FDP does not require the use of the 1400 Emulator, therefore, orderly conversion of 1400 emulated applications to System/370 native mode operations under DOS/VS is possible. The FDP supports 1311, 1301 and 1405 type files emulated on a 3330 or 3340 Direct Access Storage Device. Data files can be in the track or sector format and in either move or load mode.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 20 pages

/////5798-CDE

GB21-1549

OS/DITTO EXTENSIONS - FDP 5798-CDA, NOTICE

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This program includes the following extensions to the OS/DITTO FDP (5798-ARD):

- o High Speed/Buffered Tape to Tape
- o Card to Disk
- o Disk to Card
- o Disk to Disk
- o Tape to Disk
- o Disk to Tape
- o Disk to Printer Variable Blocked/Spanned
- o Print Member of a PDS
- o Data Set Compare (Tape and Disk)
- o CATALOG
- o UNCATALOG
- o SCRATCH DATA SET/MEMBER
- o LIST VTOC
- o LIST SPACE on PACE
- o LIST CATALOG
- o LIST PDS members
- o Write Tape Mark Off-line

Availability Notice, 4 pages, 12/75

/////5798-CDA

SB21-1550

OS/DITTO EXTENSIONS - FDP 5798-CDA, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see ECIS Abstract of GB21-1549 (5798-CDA)

Manual, 64 pages, 12/75

/////5798-CDA

LB21-1551

OS/DITTO EXTENSIONS - FDP 5798-CDA, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program see BOIS Abstract of GB21-1549 (5798-CDA)
Systems Guide, 13 pages, 12/75
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allows users to continue their work offline. During online sessions, the user may replace the now changed input set and resume development and testing online.
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Availability Notice, 4 pages
/////5798-CDR

GB21-1566

S/370 RPG II ANALYSIS AND DOCUMENTATION AID - 5798-CDL, NOTICE

This document describes the purpose and highlights of S/370 RPG II Analysis and Documentation Aid.

This FDP consists of two groups of programs and sorts which produce six different documentation/trouble shooting aids. The first group produces field and indicator cross-references on an individual RPG II program. The second group uses as its input data all of the customer's RPG II source decks from which it produces cross-reference analyses and documentation concerning programs, files and field usage in the users system.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Availability Notice, 4 pages
/////5798-CDL

SB21-1579

IMS ON-LINE PROGRAM AND JOB DEVELOPMENT SYSTEM FDP 5798-CDR, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

This document describes the capabilities of the FDP and the programs of the IMS On-line Program and Job Development System.

The IMS Online Program and Job Development System is an IMS DB/DC application system which provides the ability to develop, edit, modify, test, and execute OS/VS jobs from an IBM 3270 Display Station supported by the IMS Data Base and Data Communications system. As a productivity aid, the IMS Online Program and Job Development System assists authorized users in developing OS/VS jobs through the text input and editing facilities of the system. Programs developed on this system may be executed from the remote 3270 displays and the resulting output may be displayed at any 3270 Display terminal or associated IMS hard copy device.

Convenient options screens are provided where users may specify optional parameters to create, edit, and display job input or output data.

In addition, utility programs are provided so that the user may include any existing data to the IMS user data base. This function allows any potential user to load his data, at any point in development, and continue the development through the facilities provided by this system. Additional utility programs allow the user to remove his input sets and associated output data from the data base when it is desired to continue development work offline. When the IMS DB/DC system is not in use, this facility allows users to continue their work offline. During online sessions, the user may replace the now changed input set and resume development and testing online.
Manual, 78 pages
/////5798-CDR

SB21-1567

S/370 RPG II ANALYSIS AND DOCUMENTATION AID - FDP 5798-CDL, DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the S/370 RPG II Analysis and Documentation Aid.

This FDP consists of two groups of programs and sorts which produce six different documentation/trouble shooting aids. The first group produces field and indicator cross-references on an individual RPG II program. The second group uses as its input data all of the customer's RPG II source decks from which it produces cross-reference analyses and documentation concerning programs, files, and field usage in the users system.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 45 pages
/////5798-CDL

GB21-1581

IMS MONITOR SUMMARY AND SYSTEMS ANALYSIS PROGRAMS - FDP 5798-CDT, NOTICE

This document describes the purpose and highlights of IMS Monitor Summary and Systems Analysis Programs.

The IMS Monitor Summary and System Analysis Program (IMSASAP) is a set of programs designed to process DFSTRAPC output data from either IMS DC Monitor (Field Developed Program Number 5798-BDF) or IMS/VS Monitor (IMS/VS 1.0-1). It uses a subset of data collected by DFSTRAPC to produce several selectable, additional monitor type reports designed to fill the need of management, system analysts and programmers. The IMSASAP System output enables the user to analyze and adjust the parameters of a IMS On-Line System for optimum operations and performance.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Availability Notice, 6 pages
/////5798-CDT

LB21-1568

S/370 RPG II ANALYSIS AND DOCUMENTATION AID - FDP 5798-CDL, SYSTEMS GUIDE

This document describes the steps necessary to modify the S/370 RPG II Analysis and Documentation Aid.

This FDP consists of two groups of programs and sorts which produce six different documentation/trouble shooting aids. The first group produces field and indicator cross-references on an individual RPG II program. The second group uses as its input data all of the customer's RPG II source decks from which it produces cross-reference analyses and documentation concerning programs, files and field usage in the users system.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
Manual, 10 pages
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GB21-1578

IMS ON-LINE PROGRAM AND JOB DEVELOPMENT SYSTEM - FDP 5798-CDR, NOTICE

This document describes the purpose and highlights of IMS On-line Program and Job Development System.

The IMS Online Program and Job Development System is an IMS DB/DC application system which provides the ability to develop, edit, modify, test, and execute OS/VS jobs from an IBM 3270 Display Station supported by the IMS Data Base and Data Communications system. As a productivity aid, the IMS Online Program and Job Development System assists authorized users in developing OS/VS jobs through the text input and editing facilities of the system. Programs developed on this system may be executed from the remote 3270 displays and the resulting output may be displayed at any 3270 Display terminal or associated IMS hard copy device.

Convenient options screens are provided where users may specify optional parameters to create, edit, and display job input or output data.

In addition, utility programs are provided so that the user may include any existing data to the IMS user data base. This function allows any potential user to load his data, at any point in development, and continue the development through the facilities provided by this system. Additional utility programs allow the user to remove his input sets and associated output data from the data base when it is desired to continue development work offline. When the IMS DB/DC system is not in use, this facility

SB21-1582

IMS MONITOR SUMMARY AND SYSTEMS ANALYSIS PROGRAMS - FDP 5798-CDT, DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the IMS Monitor Summary and Systems Analysis Programs.

The IMS Monitor Summary and System Analysis Program (IMSASAP) is a set of programs designed to process DFSTRAPC output data from either IMS DC Monitor (Field Developed Program Number 5798-BDF) or IMS/VS Monitor (IMS/VS 1.0-1). It uses a subset of data collected by DFSTRAPC to produce several selectable, additional monitor type reports designed to fill the need of management, system analysts and programmers. The IMSASAP System output enables the user to analyze and adjust the parameters of a IMS On-Line System for optimum operations and performance.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 78 pages
/////5798-CDT

GB21-1586

IMS DICTIONARY SYSTEM ENHANCEMENTS - FDP 5798-CEE, NOTICE

This document describes the purpose and highlights of IMS Dictionary System Enhancements.

The following are enhancements to be included in this product.

- o Improved messages for structures out
- o Indented COEOI Structures

- o Global status, language, occurrence number
- o On-line audit trail
- o Improved on-line support
- o Assembly language components
- o Syntax flush control

Other enhancements will be announced when available.

- o COBOL-IN
- o Character String-Scan
- o Copy function
- o Delete from command
- o SEG-REPORT to show SEG-DBS intersection data.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Availability Notice, 4 pages
/////5798-CEE

LB21-1588

IMS DICTIONARY SYSTEM ENHANCEMENTS - FDP 5798-CEE, SYSTEMS GUIDE

This document describes the steps necessary to modify the IMS Dictionary System Enhancements. The following are enhancements to be included in this product.

- o Improved messages for structures out
- o Indented COBOL Structures
- o Global status, language, occurrence number
- o On-line audit trail
- o Improved on-line support
- o Assembly language components
- o Syntax flush control

Other enhancements will be announced when available.

- o COBOL-IN
- o Character String-Scan
- o Copy function
- o Delete from command
- o SEG-REPORT to show SEG-DBS intersection data.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
Systems Guide, 5 pages
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IF THEN ELSE, DO WHILE, and DO UNTIL. The documentation for the program also provides a general discussion on implementation of structured programming.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
Systems Guide, 35 pages
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GB21-1616

DOS/VS MICR READER/SORTER UTILITY
FDP 5798-CEB, NOTICE

This document, written in APL, describes the purpose and highlights of DOS/VS MICR Reader/Sorter Utility.

This program is designed to allow a user to generate a tailored MICR capture program without knowledge of reader/sorter hardware, DOS assembler language, or MICR programming conventions. Once generated, this program performs all basic capture functions including:

1. Read and examine the validity of all input data field
2. Select out desired user information for further processing.
3. Self-check account numbers according to user specifications.
4. Sort documents to user specifications by digit, cascade or R/T number.
5. Accumulate totals and item counts for each pocket used.
6. Accumulate hardware and software error statistics for each batch processed.
7. Print capture lists and optionally outgoing bundle lists for "killed" pockets.
8. Batch balance all input data.
9. Accept input data from MICR documents, cards, or both, within the same run.
10. Allow multi-tank processing.
11. Create a disk record for each document processed.
12. Full restart at batch level in case of hardware or software failure.

This availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Availability Notice, 4 pages
/////5798-CEB

/////5798-CEB

GE21-1613

FORTRAN PREPROCESSOR FOR STRUCTURED PROGRAMMING - FDP 5798-CDW, NOTICE

This document describes the purpose and highlights of FORTRAN Preprocessor for Structured Programming.

Designed to allow FORTRAN IV programmers to enjoy the benefits of Structured Programming, this Field Developed Program is a pre-processor which reads in IBM FORTRAN IV programs, recognizes the new commands supporting structured programming, and converts them to compiler-acceptable FORTRAN statements. The new commands supported are IF THEN, IF THEN ELSE, DO WHILE, and DO UNTIL. The documentation for the program also provides a general discussion on implementation of structured programming.

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Availability Notice, 8 pages
/////5798-CDW

SB21-1617

DOS/VS MICR READER/SORTER UTILITY
FDP 5798-CEB, DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the DOS/VS MICR Reader/Sorter Utility. This program is designed to allow a user to generate a tailored MICR capture program without knowledge of reader/sorter hardware, DOS assembler language, or MICR programming conventions. Once generated, this program performs all basic capture functions including:

1. Read and examine the validity of all input data fields.
2. Select out desired user information for further processing.
3. Self-check account numbers according to user specifications.
4. Sort documents to user specifications by digit, cascade or R/T number.
5. Accumulate totals and item counts for each pocket used.
6. Accumulate hardware and software error statistics for each batch processed.
7. Print capture lists and optionally outgoing bundle lists for "killed" pockets.
8. Batch balance all input data.
9. Accept input data from MICR documents, cards, or both within the same run.
10. Allow multi-tank processing.
11. Create a disk record for each document processed.
12. Full restart at batch level in case of hardware or software failure.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 71 pages
/////5798-CEB

GE21-1619

IMS TRAPDLI SYSTEM - FDP 5798-CEJ, AVAILABILITY NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This document describes the purpose and highlights of IMS TRAPDLI System. The IMS TRAPDLI System consists of load module to trap DL/I calls, IWAIT information, and various other pertinent IMS batch related activities for either IMS/360 Versions 2.3 and 2.4 or IMS/VS Version 1.0 and 1.0.1 to output sequential file; and a set of report programs to process this sequential file to produce several reports which can be used to analyze and tune an IMS Batch (DB) system. The goal of TRAPDLI is to collect information similar to what IMS DC Monitor (FDP 5798-EDF) collects for an IMS DE/DC system and

SB21-1614

FORTRAN PREPROCESSOR FOR STRUCTURED PROGRAMMING (5798-CDW)
FDP 5798-CDW, DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the FORTRAN Preprocessor for Structured Programming.

Designed to allow FORTRAN IV programmers to enjoy the benefits of Structured Programming, this Field Developed Program is a pre-processor which reads in IBM FORTRAN IV programs, recognizes the new commands supporting structured programming, and converts them to compiler-acceptable FORTRAN statements. The new commands supported are IF THEN, IF THEN ELSE, DO WHILE, and DO UNTIL. The documentation for the program also provides a general discussion on implementation of structured programming.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 49 pages
/////5798-CDW

LB21-1615

FORTRAN PREPROCESSOR FOR STRUCTURED PROGRAMMING - FDP 5798-CDW, SYSTEMS GUIDE

This document describes the steps necessary to modify the FORTRAN Preprocessor for Structured Programming.

Designed to allow FORTRAN IV programmers to enjoy the benefits of Structured Programming, this Field Developed Program is a pre-processor which reads in IBM FORTRAN IV programs, recognizes the new commands supporting structured programming, and converts them to compiler-acceptable FORTRAN statements. The new commands supported are IF THEN,

produce reports similar to IMSASAP (PDP 5798-CDT) reports.
Notice, 8 pages
/////5798-CEJ

SB21-1620

IMS TRAPDLI SYSTEM - PDP 5798-CEJ, DESCRIPTION/OPERATIONS
This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

This document describes the capabilities of the PDP and the programs of the IMS TRAPDLI System.

The IMS TRAPDLI System consists of load module to trap DL/I calls, WAIT information, and various other pertinent IMS batch related activities for either IMS/360 Versions 2.3 and 2.4 or IMS/VS Version 1.0 and 1.0.1 to output sequential file; and a set of report programs to process this sequential file to produce several reports which can be used to analyze and tune an IMS Batch (DB) system. The goal of TRAPDLI is to collect information similar to what IMS DC Monitor (PDP 5798-BOP) collects for an IMS DB/DC system and produce reports similar to IMSASAP (PDP 5798-CDT) reports. Manual, 94 pages
/////5798-CEJ

LB21-1621

IMS TRAPDLI SYSTEM - PDP 5798-CEJ, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

This document describes the steps necessary to modify the IMS TRAPDLI System.

The IMS TRAPDLI System consists of load module to trap DL/I calls, WAIT information and various other pertinent IMS batch related activities for either IMS/360 Versions 2.3 and 2.4 or IMS/VS Version 1.0 and 1.0.1 to output sequential file; and a set of report programs to process this sequential file to produce several reports which can be used to analyze and tune an IMS Batch (DB) system. The goal of TRAPDLI is to collect information similar to what IMS DC Monitor (PDP 5798-BOP) collects for an IMS DB/DC system and produce reports similar to IMSASAP (PDP 5798-CDT) reports. Manual, 43 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1641

CICS/M.T.C.S. ON-LINE PANEL ENTRY LIBRARY SYSTEM - PDP 5798-CET, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This PDP is written in Assembler Language.

This PDP provides a system for creating, storing, updating and retrieving screen formats for the 3270 display system in an online, interactive mode. It operates as an application program under both CICS (DOS/VS and OS/VS) and MTCs.

Primary input to the PDP is from the 3277 via an interactive session. There are batch functions including several reports and the ability to input BMS macro statements for incorporation of existing into PANELS. Batch output also includes BMS macro statements corresponding to the screens in the library.
Availability Notice, 6 pages, 12/75
/////5798-CET

SB21-1642

CICS/M.T.C.S. ON-LINE PANEL ENTRY LIBRARY SYSTEM - PDP 5798-CET, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract of GB21-1641, (5798-CET).
Manual, 95 pages, 12/75
/////5798-CET

LB21-1643

CICS/M.T.C.S. ON-LINE PANEL ENTRY LIBRARY SYSTEM - PDP 5798-CET, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program, see abstract of GB21-1641, (5798-CET).
Manual, 13 pages, 12/75
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1653

GENERALIZED TRACE FACILITY - DIRECT ACCESS CONTENTION ANALYZER, PDP 5798-CEZ, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This PDP will process a dataset produced by the

Generalized Trace Facility service aid of either VS1, V62 (SVS or MVS) extracting the Input/Output interrupt records and Start I/O records for a set of selected Direct Access Device addresses. If the system was generated with alternate path support, the program will accommodate the alternate addresses. From these records, the control unit busy time and device busy time are calculated. The total time for input/output operations and the number encountered in the trace output are also developed.

These statistics give visibility to the amount of control unit or device contention, and the number and duration of Input/Output operations in a large Direct Access installation.

Availability Notice, 4 pages, 12/75
/////5798-CEZ

SB21-1654

GENERALIZED TRACE FACILITY - DIRECT ACCESS CONTENTION ANALYZER - PDP 5798-CEZ, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract of GB21-1653, (5798-CEZ).
Manual, 26 pages, 12/75
/////5798-CEZ

GB21-1671

MINIMUM TELEPROCESSING DATA ENTRY SUBROUTINES PDP 5798-CFG, NOTICE

This document, written in Assembler, describes the purpose and highlights of Minimum Teleprocessing Data Entry Subroutines. Developed for use with the M.T.C.S./370 FDP (5798-ALN), the Minimum Teleprocessing Data Entry Subroutines provide facilities which enhance M.T.C.S./370 performance and flexibility in data entry applications. The subroutines, invoked by user-written transaction programs, provide DAM file support, paging for re-reading and changing previously entered data, automatic signalling when file capacity has exceeded a pre-determined level, and online closing and re-opening of files for space enlargement or substitution of new files. Additional functions provided include a recovery transaction for data integrity, a data extraction subroutine, a self-relocating sort-exit subroutine for interfacing to DOS/VS Sort/Merge (5746-SM1), plus a sample data entry as well as serving as a model for more complex data entry transactions.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Availability Notice, 4 pages
/////5798-CFG

SB21-1672

MINIMUM TELEPROCESSING DATA ENTRY SUBROUTINES PDP 5798-CFG, DESCRIPTION/OPERATIONS

This document, written in Assembler, describes the capabilities of the PDP and the programs of the Minimum Teleprocessing Data Entry Subroutines. Developed for use with the M.T.C.S./370 FDP (5798-ALN), the Minimum Teleprocessing Data Entry Subroutines provide facilities which enhance M.T.C.S./370 performance and flexibility in data entry applications. The subroutines, invoked by user-written transaction programs, provide DAM file support, paging for rereading and changing previously entered data, automatic signalling when file capacity has exceeded a pre-determined level, and online closing and re-opening of new files. Additional functions provided include a recovery transaction for data integrity, a data extraction subroutine, a self-relocating sort-exit subroutine for interfacing to DOS/VS Sort/Merge (5746-SM1), plus a sample data entry transaction program which is useful for card image data entry as well as serving as a model for more complex data entry transactions.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 33 pages
/////5798-CFG

LB21-1673

MINIMUM TELEPROCESSING DATA ENTRY SUBROUTINES PDP 5798-CFG, SYSTEMS GUIDE

This document, written in Assembler, describes the steps necessary to modify the Minimum Teleprocessing Data Entry Subroutines. Developed for use with the M.T.C.S./370 FDP (5798-ALN), the Minimum Teleprocessing Data Entry Subroutines provide facilities which enhance M.T.C.S./370 performance and flexibility in data entry applications. The subroutines, invoked by user-written transaction programs, provide DAM file support, paging for re-reading and changing previously entered data, automatic signalling when file capacity has exceeded a pre-determined level, and online closing and re-opening of files for space enlargement or substitution of new files. Additional functions provided include a recovery transaction for data integrity, a data extraction subroutine, a self-relocating sort-exit subroutine for interfacing to DOS/VS Sort/Merge (5746-SM1), plus a sample data entry transaction program which is useful for card image data entry as well as serving as a model for more complex data entry transactions.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
Manual, 11 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1680

MTCS/VS, FDP 5798-CFK, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The minimum Tele-Communication System/Virtual Storage (MTCS/VS), written in Assembler, is a generalized data communication system designed for the smaller DOS/VS user. In addition to data communication facilities, it provides interface and control functions so that installation files and databases can be accessed to implement a small scale data base/data communication (DB/DC) system.

MTCS/VS is designed to be installed quickly with a minimum expenditure for man and machine resources. The advantages of a DB/DC system can be realized sooner because long lead times are not required for specialized training of application and system programmer, and the low main storage requirements permit installation with minimum expenditure for additional equipment.

MTCS/VS is the third in a series of "MTCS" Field Developed Programs (the first was Minimum Teleprocessing Communication System (MTCS), 5798-BAAY, the second was Minimum Tele-Communication System for System/370 (MTCS/370), 5798-ALN).

MTCS/VS provides the following improvements to, and features not available in, MTCS/370:

- o Access to VSAM Datasets
- o Access to DL/I Entry Databases
- o Enhanced CICS/DOS/VS Compatibility
- o Technological Improvements achieved through:
 - Utilization of DOS/VS capabilities which are not available in the non-VS Disk Operating System
 - Addition of New Features
 - Improved Installability, Usability and Operational Flexibility.

Availability notice, 8 1/2 x 11 inches, 8 pgs, 10/76
/////5798-CFK

SB21-1681

MTCS/VS, FDP 5798-CFK, DESCRIPTION/OPERATION

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see BOIS abstract for GB21-1680 (5798-CFK)
Manual, 8 1/2 x 11 inches, 553 pgs, 10/76
/////5798-CFK

LB21-1682

MTCS/VS, FDP 5798-CFK, SYSTEM GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program see BOIS abstract for GB21-1680 (5798-CFK)
Manual, 8 1/2 x 11 inches, 35 pgs, 10/76
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GB21-1683

DOS/VS ENTRY TIME SHARING SYSTEM - FDP 5798-CFL, NOTICE ALSO FOR TERMINAL CONTROL FACILITY, 5798-CGC

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

For details on the program, see the LB21-1685 (Systems Guide)
Availability Notice, 8 pages
/////5798-CFL, 5798-CGC

SB21-1684

DOS/VS ENTRY TIME SHARING SYSTEM (5798-CFL) - FDP 5798-CFL, DESCRIPTION/OPERATIONS

This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For details on the program see abstract for LN21-1685 (Systems Guide)
Manual, 260 pages
/////5798-CFL

LB21-1685

DOS/VS ENTRY TIME SHARING SYSTEM - FDP 5798-CFL, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

This FDP, the DOS/VS Entry Time Sharing System provides customers an entry level interactive facility whereby

terminal users may enter and edit programs or data, compile source programs and execute the resulting object programs. It will run on a System/370 with a minimum of 128K bytes of real storage and supports local 3270, non-switched remote 3270, 3275, 2740, and 3767 in 2740 mode, as well as 3284, 3286, 3288 attached to supported 3270.

Normal "batch" compilers should function without modification in the Time Sharing System, provided they conform to standard DOS/VS coding conventions. Programs in Assembler, VS/BASIC DOS/VS COBCL, DOS FORTRAN IV, PL/I Optimizer and RPG II have been entered, compiled and executed from a terminal under the Time Sharing System.

The Time Sharing System executes in a single foreground partition.

Batch processing, spooling, and remote job entry can execute concurrently outside the Time Sharing partition and programs entered via terminal can be submitted for batch processing through a Submit-to-Batch facility.

Security features include user identification code, password, controlled access to public, private and common data via user profile, and user storage protection.

The DOS/VS Entry Time Sharing System uses the terminal control facility for the Minimum Tele-Communication System (M.T.C.S./370) FDP, 5798-ALN.

Users who do not have M.T.C.S./370 installed must also order the Terminal Control for DOS/VS Entry Time Sharing System, 5798-CGC, at an additional \$85/mcnth. (paid up license after 12 months).

Systems Guide, 136 pages
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GB21-1696

CICS SOURCE PROGRAM MAINTENANCE ON-LINE II - FDP 5798-CFT, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This new Field Developed Program is an improved version of the Source Program Maintenance On-Line FDP (5798-BDT). It is being offered with extended support and continuing monthly payments. The product extends the power of a CICS online system to programmers and systems programmers via a 3270 display station. Specifically this program provides CICS users with a facility for storing source programs on disk, retrieving them, conversational modification via terminal, and the creation of job streams from the terminal for compilation and testing of the programs.

Enhancements to the original version include POWER/VS job submission, tab characters to ease statement entry, support of multiple data sets for capacity and integrity, statement location by relative reference, a facility to move or copy parts or all of a program, multiple line (or text) entries per transaction, and an improved arrangement of display and compressed directories.
Availability Notice, 4 pages, 12/75
/////5798-CFT

SB21-1697

CICS/VS PERFORMANCE ANALYZER II - FDP 5798-CFP, DESCRIPTION/OPERATIONS

This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract of GB21-1682, (5798-CFP).
Manual, 101 pages, 12/75
/////5798-CFP

SB21-1700

CICS SOURCE PROGRAM MAINTENANCE ON-LINE II - FDP 5798-CFT, DESCRIPTION/OPERATIONS

This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract of GB21-1696 (5798-CFT).
Manual, 212 pages, 12/75
/////5798-CFT

SB21-1719

DOS/VS ENTRY TIME SHARING SYSTEM (5798-CFL) - FDP 5798-CFL, TERMINAL USER'S GUIDE

This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

See abstract for LB21-1685 (Systems Guide)
Terminal User's Guide, 264 pages
/////5798-CFL

GB21-1720

DOS/VS 3540 DISKETTE UTILITY - FDP 5798-CGB, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, the DOS/VS 3540 Diskette Utility is a general purpose utility program containing thirteen (13) utility functions for the 3540 Diskette I/O Unit. Functional utilities available in addition to normal card, tape,

diskette, and printer utilities provide the facility to examine, alter, and modify diskette data files used in both a testing and production environment. In addition, the FDP provides backup for 3740 diskette files on either card or tape, thereby freeing diskettes for data entry.

The utilities provide the ability to access and display any diskette file on any supported device. The user can determine the file characteristics, and initiate console commands to provide the necessary data to continue processing.

Availability Notice, 4 pages
 ////5798-CGB

SB21-1721

DOS/VS DISKETTE UTILITY - FDP 5798-CGB,
DESCRIPTION/OPERATIONS

This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

This FDP, the DOS/VS 3540 Diskette Utility is a general purpose utility program containing thirteen (13) utility functions for the 3540 Diskette I/O Unit. Functional utilities available in addition to normal card, tape, diskette, and printer utilities provide the facility to examine, alter, and modify diskette data files used in both a testing and production environment. In addition, the FDP provides backup for 3740 diskette files on either card or tape, thereby freeing diskettes for data entry.

The utilities provide the ability to access and display and diskette file on any supported device. The user can determine the file characteristics, and initiate console commands to provide the necessary data to continue processing.

Manual, 20 pages
 ////5798-CGB

SB21-1735

DOS/VS ENTRY TIME SHARING SYSTEM - FDP 5798-CFL, TERMINAL
USER'S SUMMARY

This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

See abstract for LB21-1685 (Systems Guide).
 Manual, 71 pages
 ////5798-CFL

GB21-1740

DOS/VS DL/I STATUS DISPLAY AND DEBUGGING AID - FDP
5798-CGL, NOTICE

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The DOS/VS DL/I Status Display and Debugging Aid FDP, written in Assembler Language, is designed to assist in the installation of online DL/I with DOS/VS and CICS/VS, the implementation of new DL/I transactions and the understanding of unusual DL/I conditions during normal operations. The program can be invoked after any DL/I call either as part of an error recovery procedure or as a snap shot of DL/I activity. The information provided by the program includes: pertinent CICS data, a trace code, the function code, PCB fields, the work area, all SSAs, segment sensitivity, PSB and DBD names and a trace of previous functions. The output of the program is sent to Transient Data. Transient Data can then be printed.

Availability Notice, 4 pages, 12/75
 ////5798-CGL

SB21-1741

DOS/VS DL/I STATUS DISPLAY AND DEBUGGING AID - FDP 5798-CGL,
DESCRIPTION/OPERATIONS

This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see Abstract of GB21-1740, (5798-CGL)
 Manual, 23 pages, 12/75
 ////5798-CGL

LB21-1742

DOS/VS DL/I STATUS DISPLAY AND DEBUGGING AID - FDP 5798-CGL,
SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program, see Abstract of GB21-1740, (5798-CGL)
 Systems Guide, 23 pages, 12/75
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GB21-1752

MVS STORAGE UTILIZATION DISPLAY PROGRAM - FDP 5798-CGT,
NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require

information concerning it.

This FDP, an MVS Storage Utilization Display program, displays in real time the system paging rate, real storage utilization by job, and the number of page frames on each of the MVS internal queues. This program provides the ability to monitor storage utilization in MVS and enables the systems programmer to pinpoint systems performance problems without having to resort to piles of listings. The ability to provide real time displays allows the systems programmer, through observation, to select storage utilization data that is considered worthy of analysis. This eliminates printing of data which is not considered meaningful.

Availability Notice, 6 pages
 ////5798-CGT

SB21-1753

MVS STORAGE UTILIZATION DISPLAY PROGRAM - FDP 5798-CGT
DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

This FDP, an MVS Storage Utilization Display program, displays in real time the system paging rate, real storage utilization by job, and the number of page frames on each of the MVS internal queues. This program provides the ability to monitor storage utilization in MVS and enables the systems programmer to pinpoint systems performance problems without having to resort to piles of listings. The ability to provide real time displays allows the systems programmer, through observation, to select storage utilization data that is considered worthy of analysis. This eliminates printing of data which is not considered meaningful.

Manual, 39 pages
 ////5798-CGT

LB21-1754

MVS STORAGE UTILIZATION DISPLAY PROGRAM - FDP 5798-CGT,
SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

This FDP, an MVS Storage Utilization Display program, displays in real time the system paging rate, real storage utilization by job, and the number of page frames on each of the MVS internal queues. This program provides the ability to monitor storage utilization in MVS and enables the systems programmer to pinpoint systems performance problems without having to resort to piles of listings. The ability to provide real time displays allows the systems programmer, through observation, to select storage utilization data that is considered worthy of analysis. This eliminates printing of data which is not considered meaningful.

Manual, 84 pages
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GB21-1773

DOS DASDI JCL CONVERSION AID - FDP 5798-CBA, NOTICE

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, the DOE DASDI JCL Conversion Aid, written in Assembler Language, is a program developed to significantly reduce the manual effort required to convert DCS Job Control Language decks when changing types of disk drives. Although changes for permanent assignments and standard labels can be manually accomplished without much difficulty, ASSIGN, LABEL, and EXTENT cards imbedded in JCL decks can require many hours of manual labor. This FDP allows the user to define conversion requirements with one master control card and a series of cards which describe the relationship between the old and new devices. There may be as few as two cards per disk drive. The DOS DASDI JCL Conversion Aid can provide substantial savings in personnel costs when large program libraries must be converted to reflect installation of new disk drives.

Availability Notice, 6 pages, 12/75
 ////5798-CBA

SB21-1774

DOS DASDI JCL CONVERSION AID - FDP 5798-CBA,
DESCRIPTION/OPERATIONS

This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see Abstract of GB21-1773, (5798-CBA).
 Manual, 30 pages, 12/75
 ////5798-CBA

LB21-1775

DOS DASDI JCL CONVERSION AID - FDP 5798-CBA, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program, see Abstract of GB21-1773, (5798-CBA).
 Systems Guide, 12 pages, 12/75
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1776

3741 SORT PROGRAM - FDP 5798-CBB, NOTICE
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP is a sort program for the 3741 Models 3 and 4. There are two programs, one is a 4K program which sorts up to 1024 records, the second is an 8K program which sorts up to 1898 records using two diskettes. The sort field can start in any record position 1 through 128 with a field length of 1 to 15 bytes. The program does not require diskette work space. Sort control data is specified by a user "sort control label" on track zero record 26 of Drive 1 or 2. The user can specify:

- 1) Input data set name (Drives 1 or 2)
- 2) Sort Field Description
- 3) Output data set name (Drive 1 or 2)
- 4) Name of next program (Program chaining)
- 5) Request printout of records sorted

Since this program is to be installed on a 3741 Programmable Work Station, it is licensed to operate on a designated 3741 rather than a designated CPU. Therefore, on the Supplement to Amended License Agreement for IBM Program Products (For Specially Developed Programs), in the column entitled Designated CPU Type/Serial Number, the 3741 Programmable Work Station on which the 3741 Sort Program is or will be installed should be designated by type/serial number. An asterisk (*) should be placed beside the serial number and the following statement inserted on the Supplement: "*For the 3741 Sort Program License, the term CPU in the License Agreement and Amendment and Supplement thereto refers to the 3741 Programmable Work Station."

Availability Notice, 4 pages
/////5798-CBB

SB21-1777

3741 SORT PROGRAM - FDP 5798-CBB, DESCRIPTION/OPERATIONS

This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For further information see BOIS abstract for GB21-1776.
Manual, 15 pages
/////5798-CBB

LB21-1778

3741 SORT PROGRAM - FDP 5798-CBB, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For further information see BOIS abstract for GB21-1776.
Systems Guide, 14 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1786

DATA BASE CALL MACROS - FDP 5798-CBK, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The Data Base Call Macros FDP is designed to reduce the assembler language coding effort required to implement DL/1 and VANDL/1 data base application programs in both batch and CICS environments. Keyword parameters specify conditional assembly predicate information resulting in the generation of standard code for DL/1 PCBs, SSAs and call parameter lists.

Availability Notice, 4 pages, 12/75
/////5798-CBK

SB21-1787

DATA BASE CALL MACROS - FDP 5798-CBK, DESCRIPTION/OPERATIONS

This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract of GB21-1786, (5798-CBK).

Manual, 39 pages, 11/75
/////5798-CBK

GB21-1792

IMS MONITOR SUMMARY AND SYSTEM ANALYSIS PROGRAM II

(IMSASAP II), FDP 5798-CHJ, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

IMSASAP II (FDP 5798-CHJ), a Productivity Aid written in ALC, extends the significant features of IMSASAP (FDP 5798-CDT) to IMS/VS 1.1 and provides key reporting and usability enhancements for both IMS/VS 1.0.1 and IMS 1.1 users.

IMSASAP II is comprised of a set of report processors which execute under the System for Generalized Performance Analysis Reporting (FDP 5798-CPR). It processes IMS/VS monitor output to provide management, analyst, and

programmer level reports which assist in the analysis of an IMS/VS system environment.

Significant features include:

- New Reports
 - System IWAIT Reports
 - Transactions by Time Period
 - Detail PSB Activity Reports
- Enhanced Reports
 - Summary Reports
 - Region Histogram
 - Program Trace
- Hierarchical reporting structure, from system
- summarizes to program trace reports.
- Elapsed time per event distributions provided on appropriate reports.
- Reporting of schedules in progress at trace start and trace end, including wait-for-input and EMP programs.
- Report and content selection by report type, time period, region, and PSBNAME or DDNAME groups.
- Selection of reports and reporting options through use of a command language.

Availability notice, 8 1/2 x 11 inches, 8 pgs, 4/77
/////5798-CHJ

SB21-1793

IMS MONITOR SUMMARY AND SYSTEM ANALYSIS PROGRAM II

(IMSASAP II) - FDP 5798-CHJ, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-1792 (5798-CHJ).

Manual, 8 1/2 x 11 inches, 135 pgs, 4/77
/////5798-CHJ

LB21-1794

SYSTEM FOR GENERALIZED PERFORMANCE ANALYSIS REPORTING

(GPAR) - FDP 5798-CPR, SYSTEMS GUIDE

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2091 (5798-CPR).

Manual, 8 1/2 x 11 inches, 123 pgs, 4/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1795

TSO/3270 DISPLAY COPY SUPPORT, FDP 5798-CHL NOTICE

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler & TCAM Macros, allows a TSO 3277 terminal user to print a copy of his current terminal display on a 328X printer (3284, 3286, or 3288) of his choice. He may also print a selected number of preceding pages, in effect creating a hardcopy log of all or part of his session.

The program runs in a VS2 environment as part of a TCAM MCP (Message Control Program). It is compatible with a complementary offering, FDP 5798-AYP, "TSO Command Processor," which allows a TSO user to print data sets on the same 328X printers. It also may reside in the same system with PP 5740-XT2, "TSO 3270 Structured Programming Facility," though SPF has its own facilities for printing display images.

Availability notice, 4 pages, 5/76
/////5798-CHL

SB21-1796

TSO/3270 DISPLAY COPY SUPPORT, FDP 5798-CHL, DESCRIPTION/OPERATIONS

This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract of GB21-1795 (5798-CHL).

Manual, 58 pages, 5/76
/////5798-CHL

GB21-1804

APL DATA LANGUAGE - FDP 5798-CBR, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This Field Developed Program is written in APL. This FDP expands the capability of APL by providing the APL application programmer with a powerful data management facility. It complements APL's extensive data manipulation facilities with a dictionary driven, data independent, data storage and retrieval system. The user can retrieve data across a network of inter-related files.

APL data language can help eliminate the usually large amounts of user written data manipulation and housekeeping code.

Data handling can be standardized, improving code readability and documentation. It improves programmer productivity through more problem solving; less data handling activities. Applications previously abandoned or

delayed due to complex data requirements may now be feasible.

The data base management services of APL Data Language assist the user in:

- handling complex data access and maintenance problems
- description and definition of data bases
- creation of data bases
- auditing of data base activity.

Availability Notice, 6 pages, 12/75
 ////5798-CHR

SB21-1805

APL DATA LANGUAGE - FDP 5798-CHR, DESCRIPTION/OPERATIONS
 This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract of GB21-1804 (5798-CHR).
 Manual, 69 pages, 12/75
 ////5798-CHR

GB21-1807

GENERALIZED TRACE FACILITY - DATA ANALYSIS PROGRAM - FDP 5798-CHR, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP analyzes GTF records to produce various summary and detail report listings on traced events. Nineteen reports and a condensed detail listing are available. The primary use of the program is to assist in tuning the system for performance, balancing channel and device loads, pinpointing developing hardware problems thru I/O CSW analysis, and detection of jobs misusing the system. The reports total by type of event and by job. Some of the data reported include, I/O usage, SVC usage, SIOs, Page faults, and I/O Interrupt Analysis.

Availability Notice, 4 pages, 12/75
 ////5798-CHR

SB21-1808

GENERALIZED TRACE FACILITY - DATA ANALYSIS PROGRAM - FDP 5798-CHR, DESCRIPTION/OPERATIONS

This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract of GB21-1807, (5798-CHR).
 Manual, 65 pages, 12/75
 ////5798-CHR

GB21-1810

DOS/VIS DASD SPACE UTILIZATION ANALYSIS - FDP 5798-CHW, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This Field Developed Program is written in Assembler language. The DOS/VIS Disk Space Utilization Report FDP produces three reports to assist the installation manager in analyzing disk space utilization.

A physical sequence report displays for each disk volume, the data sets, their record size, block size, lower extent, upper extent, and amount of space allocated to the data set. An Alphabetic Sequence report displays the same information in data set alphabetic sequence. In addition, there is a graphical representation report which graphically shows the physical location of each data set on the disk volume.

Availability Notice, 4 pages
 ////5798-CHW

GB21-1813

MF/1 POST ANALYZER - FDP 5798-CHX, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The MF/1 Post Analyzer FDP is intended to assist installation management in balancing system resources, tracking the effects of changes that affect CPU usage, channel/device use and paging activity, transaction rates, or response times.

The FDP provides summary reports using each of the five record types; CPU Activity, Paging Activity, Workload Activity, and Device Activity. It also produces histograms of the following activities: percent of real storage frames allocated, swap activity, percent page space slots allocated, SIOs per second, CPU utilization, channel utilization. The program is parameter driven so that the user can select only those reports that are of interest to him.

Availability Notice, 6 pages, 12/75
 ////5798-CHX

SB21-1814

MF/1 POST ANALYZER - FDP 5798-CHX, DESCRIPTION/OPERATIONS

This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract of GB21-1813, (5798-CHX).
 Manual, 23 pages, 12/75
 ////5798-CHX

GB21-1816

DOS/VIS STORAGE & CPU UTILIZATION, FDP 5798-CHY, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The DOS/VIS Storage and CPU Utilization Display Field Developed Program, written in Assembler, will collect and graphically display, in real time or batch, information from the DOS/VIS Supervisor which affects overall system performance. The program will display CPU cycles utilization by partition, real storage utilization by partition, the paging rates and other pertinent information. With the easy to interpret displays and reports, the DOS/VIS user can better understand the internal operation of his DOS/VIS operating environment. He can identify job mixes and make better informed decisions regarding the use of his computer resources.

Availability Notice, 8 1/2 x 11 inches, 4 pgs, 12/76
 ////5798-CHY

SB21-1817

DOS/VIS STORAGE & CPU UTILIZATION PROGRAM
FDP 5798-CHY, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-1816 (5798-CHY).
 Manual, 18 pgs, 12/76
 ////5798-CHY

GB21-1819

CICS COBOL PL/I ONE-STEP PREPROCESSOR - FDP 5798-CHC, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP is an assembly language macro which when compiled and linked with the relocatable modules of the DOS/VIS assembly language compiler produces a variant of that compiler which can preprocess, in a single step, the CICS modules for a COBOL or PL/I program.

Availability Notice, 4 pages, 12/75
 ////5798-CHC

GB21-1822

370X TRACE EDITOR - FDP 5798-CHZ, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This Field Developed Program, written in Assembler language, was developed to increase the usefulness of the 3704/3705 Dynamic Trace Output for users who are operating in emulation mode with either EP2.2 or EP2.3. The 370X Trace Editor allows the user to control the amount and type of output, in addition to reformatting the data into a more readable display. Output selections include:

- (a) Up to four specific operation commands (the default is to all Operation Commands)
- (b) A specific range of block numbers
- (c) Up to two types of final status and/or sense. (The default is to any status or sense.) The output is in a symbolic form, representing a CPU-to-370X-to-terminal-line connection.

Availability Notice, 4 pages, 12/75
 ////5798-CHZ

SB21-1823

370X TRACE EDITOR - FDP 5798-CHZ, DESCRIPTION/OPERATIONS

This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract of GB21-1822, (5798-CHZ).
 Manual, 22 pages, 12/75
 ////5798-CHZ

GB21-1834

OS/VIS CAPACITY MANAGEMENT AID - FDP 5798-CJH, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The Capacity Management Aid FDP provides a profile of

total system workload by day, shift and week. Each week's data is averaged into a 24 hour profile. This correlates the following: Total CPU utilization, TSO + Batch user utilization, Batch only utilization, SWAP + Demand Paging Rate, Demand only Paging Rate.

Data is also summarized/averaged, both total and by shift for each week. Data items plotted are CPU available time, Total CPU utilization, Batch user utilization, TSO user utilization, Operating System utilization, Job-step count, TSO session count, SWAP page rate, Demand page rate. Availability Notice, 6 pages, 12/75
 /////5798-CJB

SB21-1835

OS/VS CAPACITY MANAGEMENT AID - FDP 5798-CJB, DESCRIPTION/OPERATIONS

This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract of GB21-1834, (5798-CJB).
 Manual, 26 pages, 12/75
 /////5798-CJB

LB21-1836

OS/VS CAPACITY MANAGEMENT AID - FDP 5798-CJB, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program, see abstract of GB21-1834, (5798-CJB).
 Systems Guide, 13 pages, 12/75
 SL85 - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1837

CICS/VS DATASET RECOVERY FACILITY - FDP 5798-CJF, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP is written in Assembler Language.
 The CICS/VS Dataset Recovery Facility FDP provides for forward recovery of OS/VS, DOS/VS data sets that have been physically destroyed. The FDP will recover all the activity (add, delete, update) that has occurred on a data set under CICS/VS between the time of previous backup and the current failure. The FDP works in conjunction with the CICS/VS Journals. The CICS/VS journals are read and the activity in the journal will be restored to the appropriate data set. Availability Notice, 4 pages, 12/75
 /////5798-CJF

SB21-1838

CICS/VS DATASET RECOVERY FACILITY - FDP 5798-CJF, DESCRIPTION/OPERATIONS

This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract of GB21-1837, (5798-CJF).
 Manual, 36 pages, 12/75
 /////5798-CJF

GB21-1840

VIDEO/370 ON-LINE STATUS DISPLAY - FDP 5798-CJA, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP allows the VIDEO/370 user to obtain the status of multiple input batches and availability of disk space via on-line inquiry/display from any VIDEO/370 terminal. Inquiries may be made using partial names. This FDP is similar to that provided by VIDEO/370's offline JOB STATUS REPORT. Without this FDP, on-line status inquiries must be requested of an individual batch and may be obtained only if the full 12-character document name is provided. As this FDP is an extension to VIDEO/370 (5736-RC3 or 5734-RC5), it carries with it the security and auditability features of VIDEO/370.

Availability Notice, 4 pages, 12/75
 /////5798-CJA

SB21-1841

VIDEO/370 ON-LINE STATUS DISPLAY - FDP 5798-CJA, DESCRIPTION/OPERATIONS

This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract of GB21-1840 (5798-CJA).
 Manual, 41 pages, 12/75
 /////5798-CJA

GB21-1843

VIDEO/370 REVERSE ABSTRACT OFFLINE DATA ENTRY - FDP DOS/VS (5798-CJG) AND OS/VS (5798-CJP), NOTICE

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, the VIDEO Reverse Extract/Offline Data Entry Program provides the means for off line data entry onto VIDEO/370 data files for online correction and editing. The program accepts input data records from tape, disk, or card files in fixed or variable length record formats or optionally from user-written input exit. The fields within each data record are defined, edited, and reformatted according to the rules set up with the Format Definition Program of VIDEO/370.

- Applications for this Field Developed Program include:
- o Reverse Extraction - allows the re-entry of VIDEO batches which have been extracted
 - o Batch Data Entry - allows VIDEO editing and modification for data collected from other sources
 - o Data Field Update/ADD - allows users files to be placed onto video files for online addition or updating
 - o Improved File Flexibility - eases reorganization of VIDEO files and allows retention time for disk files to be decreased.

Availability Notice, 4 pages, 12/75
 /////5798-CJG, 5798-CJP

SB21-1844

VIDEO/370 REVERSE EXTRACT OFFLINE DATA ENTRY - FDP DCS/VS (5798-CJG) AND OS/VS (5798-CJP), DESCRIPTION/OPERATIONS

This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract of GB21-1843, (5798-CJG and 5798-CJP).
 Manual, 38 pages, 12/75
 /////5798-CJG, 5798-CJP

LB21-1845

VIDEO/370 REVERSE EXTRACT/OFFLINE DATA ENTRY - FDP VIDEO/370 REVERSE EXTRACT OFFLINE DATA ENTRY -FDP DOS/VS (5798-CJG) AND OS/VS (5798-CJP), SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program, see abstract of GB21-1843, (5798-CJG).
 Systems Guide, 16 pages, 12/75
 SL85 - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1862

CICS/VS PERFORMANCE ANALYZER II - FDP 5798-CFP, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This new Field Developed Program is an improved version of the CICS Performance Analyzer FDP (5798-AZN). It is being offered with extended support and continuing license payments.

The program gathers statistics about user transactions and runs under the control of CICS/VS to assist in system performance analysis and resource utilization. Information gathered includes CPU execution time, total transaction time, largest amount of storage used and the number of entries to file control access methods. Enhancements to the original version include terminal message-size monitoring, DL/I activity monitoring, summary information by terminal operator ID, increased number of user counters and accumulators, and usability enhancements to the problem determination analysis model. Enhanced data reduction and display capabilities include graphic display of CPU utilization, task rates, and EXCP rates.

Availability Notice, 4 pages, 12/75
 /////5798-CFP

GB21-1874

CICS/VS DUMP READING PROGRAM, OS/VS, 5798-CJX, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, is designed to create and display direct-access data sets containing an image of the partition or region at the time of an CICS/CS/VS ABEND. There are nine application modules which run under CICS/VS - OS/VS to provide an on-line capability for analyzing and debugging of dumps via an IBM 3270. The functions which can provide a productivity and problem solving tool consist of the following:

- o Display on the 3270 from the dump data set, any core location specified by the user.
- o Scan through the dump data set to find the combination of characters that the user requests, and display the location and data.
- o Display General Purpose Registers and Program Status

Word at time of ABEND.

- o Locate and display from the FDP dump data set the following CICS Tables: Terminal Control Table, File Control Table, Destination Control Table, Program Control Table, and Processing Program Table.
- o Format and display CICS Trace Table Entries for a given task within the dump data set.
- o Map any area of core against any DSECT available to the user.
- o Recap CICS status, number of active tasks, suspended tasks.

In addition, a program is supplied to print the dump data set in the event that a hard copy is required.
Flyer, 8 1/2 x 11 inches, 4 pgs, 10/76
/////5798-CJX

SB21-1875

CICS/VS DUMP READING PROGRAM - OS/VS FDP 5798-CJX,
DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-1874 (5798-CJX).
Manual, 8 1/2 x 11 inches, 54 pgs, 10/76
/////5798-CJX

GB21-1877

CMSSERVICE - FDP 5798-CJZ, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, is a general utility program which runs under the Conversational Monitor System (CMS) of Virtual Machine/370. It makes computer services more readily available to new time sharing users of limited experience other than control functions or unit record. It performs typical utility functions such as tape-to-card, card-to-disk, etc., but with sufficient prompting to enable inexperienced operators to: 1) store and maintain control of intermediate unit record files; 2) invoke utilities such as sort and merge to eliminate intermediate punched card output; 3) generate jobstreams by imbedding data within appropriate JCL; and 4) reduces contention for initiators or partitions and devices of co-resident systems.
Availability notice, 8 1/2 x 11 inches, 6 pgs, 11/76
/////5798-CJZ

SB21-1878

CMSSERVICE - FDP 5798-CJZ, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see BOIS abstract of GB21-1877 (5798-CJZ).
Manual, 8 1/2 x 11 inches, 32 pgs, 11/76
/////5798-CJZ

GB21-1891

DIAL SUPPORT FOR DOS/VS ENTRY TIME-SHARING SYSTEM,
FDP 5798-CRD, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This Field Developed Program, written in Assembler, enhances the DOS/VS Entry Time Sharing System (5798-CFL, ETSS) by providing dial-up support.

Dial-up terminals supported by this FDP include the IBM 3767-1, 3767-2, 2741, and TWX (ASR 33/35). (IBM 3767 terminals require the 2741 compatibility feature.)

ETSS is now available to remote terminal users without requiring the installation of expensive leased line communication facilities. Functions currently available in ETSS, including IBM 3270 and 2740 support, remain unchanged. This support is limited to ETSS customers who use the companion FDP - Terminal control for DOS/VS Entry Time Sharing (5798-CGC).

This FDP is distributed in the form of MAINT updates to the Terminal Control FDP (5798-CGC), requires DOS/VS and the following Field Developed Programs:

- o Terminal Control for DOS/VS Entry Time Sharing System (5798-CGC)
- o DOS/VS Entry Time-Sharing System (5798-CFL)

Availability Notice, 4 pages, 7/76
/////5798-CRD

SB21-1892

DIAL SUPPORT FOR DOS/VS ENTRY TIME-SHARING SYSTEM,
FDP 5798-CRD DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-1891 (5798-CRD).
Manual, 34 pages, 7/76
/////5798-CRD

GB21-1894

DOS/VS SYSTEM/360 MODEL 20 EMULATED DISK BACKUP/RESTORE,
FDP 5798-CRE, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, is designed to reduce the time and effort to backup and restore S/360 Model 20 emulated volumes in a DOS or DOS/VS environment. It provides a utility program which copies emulated volumes from disk to disk, disk to tape, or tape to disk. Based on parameters submitted by the user, the FDP generates a DCS or DOS/VS assembler utility to backup or restore a S/360 Model 20 volume emulated on 2314s, 2319s 3330s or 3340s. Tape may be used as intermediate storage or as permanent backup. The total programming and scheduling effort for DASD conversion and/or emulator pack maintenance may be drastically reduced considering system time and performance lost while running S/360 Model 20 emulation to do volume maintenance. This program is designed to support DCS and DCS/VS on System 360 or System 370.

Availability notice, 4 pages, 6/76
/////5798-CRE

SB21-1895

DOS/VS SYSTEM/360 MODEL 20 EMULATED DISK BACKUP/RESTORE,
FDP 5798-CRE, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-1894 (5798-CRE).
Manual, 19 pages, 6/76
/////5798-CRE

GB21-1897

DOS/VS INTERACTIVE DEBUG FACILITY, FDP 5798-CRF, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The DOS/VS Interactive Debug Facility FDP, written in Assembler, extends the productivity benefits of the DOS/VS Entry Time Sharing System (ETSS) to include on-line program testing and debugging. Previously, under ETSS, there was no facility for the programmer to interact with his program during the testing of that program. Now there is such a facility!

The DCS/VS Interactive Debug Facility is an interactive command processing program which allows a terminal user to monitor and control the execution of a program from a terminal for the purpose of testing and debugging that program. From his terminal, a programmer will be able to: start and stop at specified breakpoints, single cycle on instruction or branch basis, monitor changes to data areas or registers, display data areas or registers, change data or registers, locate strings of data or conditions, trace or alter the logical flow of execution, display source statements during the session, plus many other functions.

The program has its own command language, simple commands with few operands or delimiter requirements.

It is a read-only program which should reside in the DOS/VS Shared Virtual Area where it is possible for a single copy to be in use by several terminal users at one time.

This program may be used in debugging most programs which may be loaded from the DOS/VS Core Image Library or from object modules loaded by the DOS/VS Time Sharing System LOADER utility. However, it is most effective with single phase programs written in: Assembler, CCBL, or PL/I and to a lesser degree, FORTRAN IV.

The Interactive Debug Facility will run on a System/370 with DOS/VS and a minimum of 128K bytes of memory. It is primarily intended for use with the DOS/VS Entry Time Sharing FDP (5798-CFL), however an option is provided with allows the program to be used with a DOS/VS Latch partition using the system console.

Availability notice, 6 pages, 6/76
/////5798-CRF

SB21-1898

DOS/VS INTERACTIVE DEBUG FACILITY, FDP 5798-CRF,
DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see ECIS abstract for GB21-1897 (5798-CRF).
Manual, 228 pages, 6/76
/////5798-CRF

LB21-1899

DOS/VS INTERACTIVE DEBUG FACILITY, FDP 5798-CRF, SYSTEMS
GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program, see BOIS abstract for GB21-1897 (5798-CRF).
Systems guide, 29 pages, 6/76

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1900

DOS/VS LOADER, FDP 5798-CKG, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The DOS/VS Loader Field Developed Program, written in Assembler, provides link edit type capabilities in a compile (or assemble), load and go environment. Due to its performance characteristics, it can have a significant effect on total throughput where the compile-load-go type jobs are frequently executed.

The Loader program combines the basic editing and loading functions of the linkage editor and program fetch in one job step. Therefore, the function performed by the loader program is equivalent to the link edit and execute function.

The Loader program will load the basic input from either SYLNK or SYSIPT. INCLUDE statements will be resolved from the relocatable library. Unresolved external references will also be resolved from the relocatable library unless NOAUTO has been specified.

The Loader program does not produce load modules for program libraries such as the core image library.

The program runs on any model System/370 under DOS/VS. Availability notice, 4 pages, 6/76
/////5798-CKG

SB21-1901

DOS/VS LOADER, FDP 5798-CKG, DESCRIPTION/OPERATIONS

This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see BOIS abstract for GB21-1900 (5798-CKG).

Manual, 30 pages, 6/76
/////5798-CKG

GB21-1903

HASP-JES2 SPOOL TRANSFER PROGRAM, FDP 5798-CKJ, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The HASP-JES11 Spool Transfer Program, written in Assembler, provides the ability to transfer all or selected jobs from one system's spool file to the spool file of another system. This function allows the user to shut down one system (e.g., MVT) and bring up a new or test system (e.g., MVT) without waiting for the queues to become quiescent. The transfer program will transfer spool files in either direction between systems.

The primary use of the program is to facilitate testing of new systems, but a secondary use is its ability to transfer all or portions of the spool file to tape for reloading and processing at a later time.

Flyer, 8 1/2 x 11 inches, 4 pgs, 11/76
/////5798-CKJ

SB21-1904

HASP-JES2 SPOOL TRANSFER PROGRAM, FDP 5798-CKJ, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-1903 (5798-CKJ)

Manual, 8 1/2 x 11 inches, 80 pgs, 11/76
/////5798-CKJ

LB21-1905

HASP-JES2 SPOOL TRANSFER PROGRAM FDP 5798-CKJ, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program, see abstract for GB21-1903 (5798-CKJ)

Manual, 8 1/2 x 11 inches, 107 pgs, 11/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1909

GENERALIZED DATA AREA MONITOR AND DISPLAY PROGRAM - FDP 5798-CKK, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, is written in Assembler, provides a generalized capability to monitor and report on system data areas in an OS/VS environment. The FDP makes no assumptions as to which data areas are to be monitored. Through control cards the user describes system data areas which can be accessed by a problem program. The FDP monitors and reports

on those data areas.

Data areas to be monitored are defined by specifying in a control card the data format of the data area and a series of displacements to pointers within the system. Ten data formats may be specified and up to 7 displacements can be provided to locate the system data area to be monitored. The data formats are, 1 byte binary number, 2 byte binary number, 3 byte binary number, 4 byte binary, signed halfword, first word of time of day clock, doubleword time of day clock, binary integer (bit) character format, hexadecimal format.

Detail and summary reports may be generated. The detail report shows the description supplied in control cards and the observations during the measurement interval. The detail report formats as many user specified observations as will fit on a user specified print line. Twenty observations may be printed on each 208 character line.

The summary report prints, arithmetic mean, high value, and number of zero observations for each arithmetic data area specified by the user. Default values for length of measurement interval, number of intervals in the summary, and the number of summary reports in a run can be overridden by the user.

Availability notice, 8 1/2 x 11 inches, 6 pgs, 11/76
/////5798-CKK

SB21-1910

GENERALIZED DATA AREA MONITOR AND DISPLAY PROGRAM - FDP 5798-CKK, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-1909.

Manual, 8 1/2 x 11 inches, 21 pgs, 11/76
/////5798-CKK

LB21-1911

GENERALIZED DATA AREA MONITOR AND DISPLAY PROGRAM - FDP 5798-CKK, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program, see abstract for GB21-1909 (5798-CKK).

Manual, 8 1/2 x 11 inches, 16 pgs, 11/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1912

PL/I D TO PL/I OPTIMIZER CONVERSION, FDP 5798-CKL, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The PL/I-D to PL/I Optimizer Conversion Program (D-Convert), written in Assembler, is designed to reduce the cost of converting PL/I-D programs to PL/I Optimizer (5736-PL3) programs. It achieves its objectives as listed below:

- o Automates bulk of source code conversion.
- o Issues warnings for statements not converted or incompletely converted.
- o Produces more complete conversion in less time than hand methods.

DCONVERT reads symbolic PL/I-D programs and checks each statement for Optimizer compatibility. Each statement is then punched to suit the Optimizer or is marked in error on the report. The output can, in most cases, be compiled with the Optimizer and executed.

Availability notice, 4 pages, 6/76
/////5798-CKL

SB21-1913

PL/I D TO PL/I OPTIMIZER CONVERSION PROGRAM, FDP 5798-CKL, DESCRIPTION/OPERATIONS

This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see BOIS abstract for GB21-1912 (5798-CKL).

Manual, 40 pages, 6/76
/////5798-CKL

GB21-1924

INTRODUCTION TO TSO, FDP 5798-CKT, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in IIS, ITS, is a computer-based training course directed to new TSO users, to serve as an introduction to the concepts and facilities of TSO. The course guides a student interactively from an understanding of the concepts through LOGON and most of the TSO commands. This FDP is designed to shorten the training cycle of new TSO users by exposing them to the correct and productive uses of TSO. It is operational under Interactive Training System (ITS) and Interactive Instructional System (IIS).

Flyer, 8 1/2 x 11 inches, 7/78
 ////5798-CKT

SB21-1925

INTRODUCTION TO TSO, FDP 5798-CRT, COURSE DESCRIPTION
 ADMINISTRATION MANUAL

This manual describes the procedures to install and administer this course under the Interactive Training System (5734-XXC) or the Interactive Instructional System (5748-XX6).

For information about this program, see abstract for GB21-1924 (5798-CRT).
 Manual, 8 1/2 x 11 inches, 7/78
 ////5798-CKT

SB21-1926

INTRODUCTION TO TSO, FDP 5798-CRT, STUDENT MATERIALS MANUAL
 These materials are used by the student while taking the course at the terminal.

For information about this program, see abstract for GB21-1924 (5798-CRT).
 Manual, 8 1/2 x 11 inches, 7/78
 ////5798-CKT

GB21-1927

USING TSO EFFECTIVELY - FDP 5798-CKW, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in ITS, is a course of instruction which operates under the Interactive Training System program product (5734-XXC). The effective and productive use of TSO goes beyond what one gets from the Command Language Reference Manual. This course addresses many of the aspects of TSO not fully understood by most users. The course is not oriented toward the new TSO user, but rather toward experienced users who want to get more out of their system. The course sessions contain review material and cover the following topics:

- Data Set Naming Conventions
- Program Testing Techniques
- Data Set Organization
- Structured Program Facility
- Control of Disk Space
- Selected Command Operands
- Advanced EDIT Techniques
- Expanded MVS CLIST Capabilities
- 3270 Techniques

Availability notice, 8 1/2 x 11 inches, 4 pgs, 12/76
 ////5798-CKW

SB21-1928

USING TSO EFFECTIVELY - FDP 5798-CKW, COURSE
 DESCRIPTION/ADMINISTRATION

This FDP, written in ITS, is a course of instruction which operates under the Interactive Training System program product (5734-XXC). The effective and productive use of TSO goes beyond what one gets from the Command Language Reference Manual. This course addresses many of the aspects of TSO not fully understood by most users. The course is not oriented toward the new TSO user, but rather toward experienced users who want to get more out of their system. The course sessions contain review material and cover the following topics:

- Data Set Naming Conventions
- Program Testing Techniques
- Data Set Organization
- Structured Program Facility
- Control of Disk Space
- Selected Command Operands
- Advanced EDIT Techniques
- Expanded MVS CLIST Capabilities
- 3270 Techniques

This Manual is a course description, installation and administration reference document.
 Manual, 8 1/2 x 11 inches, 10 pgs, 12/76
 ////5798-CKW

SB21-1929

USING TSO EFFECTIVELY - FDP 5798-CKW, STUDENT MATERIALS

This FDP, written in ITS, is a course of instruction which operates under the Interactive Training System program product (5734-XXC). The effective and productive use of TSO goes beyond what one gets from the Command Language Reference Manual. This course addresses many of the aspects of TSO not fully understood by most users. The course is not oriented toward the new TSO user, but rather toward experienced users who want to get more out of their system. The course sessions contain review material and cover the following topics:

- Data Set Naming Conventions
- Program Testing Techniques
- Data Set Organization
- Structured Program Facility
- Control of Disk Space
- Selected Command Operands
- Advanced EDIT Techniques
- Expanded MVS CLIST Capabilities
- 3270 Techniques

This course book contains figures and information that

will be used by the students taking this course.
 Manual, 8 1/2 x 11 inches, 84 pgs, 12/76
 ////5798-CKW

GB21-1936

IBM 3770 COMMUNICATIONS UTILITY - FDP 5798-CKZ, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The IBM 3770 Communications Utility FDP, written in Assembler, provides a host program that will maintain a library of 3770 function programs, and transmit to and receive from the programmable models of the IBM 3773, 3774, and 3775. The library maintenance function builds and maintains a VSAM library from the data set created by the Program Validation Services program (BQBLIEI). The transmission function will process function programs, Terminal commands, and data through the Basic Telecommunications Access Method (BTAM) using Binary Synchronous Communications. The FDP will operate under either DOS/VS or OS/VS.
 Availability notice, 8 1/2 x 11 inches, 4 pgs, 12/76
 ////5798-CKZ

SB21-1937

IBM 3770 COMMUNICATIONS UTILITY - FDP 5798-CKZ,
 DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-1936 (5798-CKZ).
 Manual, 8 1/2 x 11 inches, 51 pgs, 12/76
 ////5798-CKZ

LB21-1938

IBM 3770 COMMUNICATIONS UTILITY - FDP 5798-CKZ,
 SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program, see abstract for GB21-1936 (5798-CKZ).
 Manual, 8 1/2 x 11 inches, 27 pgs, 12/76
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GE21-1945

IMS HISTORY REPORTING SYSTEM - FDP 5798-CLB, NOTICE

This FDP is written in Basic Assembler Language. The IMS History Reporting System FDP is designed to provide the IMS/VS DC user with the ability to obtain information about the utilization and performance of his online system on an ongoing basis. The FDP provides routines which, using the IMS/VS log tape, edits and stores information pertaining to system load and performance in an IMS database. A command language is then used to construct tailored reports from the database on a demand basis. Summary and/or detail reports can be obtained for any desired combination of date range, time span, and transaction codes. The reports can be produced as a normal OS/VS batch job, or can be invoked as terminal output to a TSO session. A method is provided to identify periods of deviation from the user-observed and/or statistically defined performance norms. The program can also be used to reconstruct transaction codes and conversational SPA contents for terminals active at the time of an IMS/VS system failure, which information can be used to assist in system reconstruction during exceptional IMS/VS Emergency Restart situations.

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
 Availability Notice, 8 1/2 x 11 inches, 6 pages, 3/77
 ////5798-CLB

SB21-1946

IMS HISTORY REPORTING SYSTEM - FDP 5798-CLB, DESCRIPTION/
 OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-1945 (5798-CLB).
 Manual, 8 1/2 x 11 inches, 41 pages, 3/77
 ////5798-CLB

GB21-1957

STRUCTURED PROGRAMMING MACROS - FDP 5798-CLF, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Structured Programming macros, written in Assembler, is a Field Developed Program that is available for use with the OS/VS, DOS/VS and CMS Assemblers. It is a set of macros which is intended to facilitate the use of Structured

Programming.

Structured Programming is the key element of the Improved Programming Technologies. High productivity gains in all areas of the programming activity have secured a permanent place for Structured Programming methodologies as the discipline of the programming profession. Up to now structured programming has been restricted to higher level languages where existing functions are adaptable to the structure theorem's control figures. Now the Structured Programming Macros FDP has provided the full capabilities of the structure theorem to assembler language users. Assembly language programs are written in a top down fashion with the macros corresponding to the structure theorem's control figures.

- Macros provided are:
- o IF/ELSE/EIF
 - o DOWHILE/EDO
 - o DOUNTIL/EDO
 - o DOPROC
 - o PRO/EPROC
 - o DCL/EDCL
 - o CASE/ECASE

Availability Notice, 8 1/2 x 11 inches, 4 pgs, 11/76
 ////5798-CLF

GB21-1960

TSO INTERACTIVE DATA ENTRY SUPPORT FOR COBOL, FDP 5798-CLG, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, accepts free-form input from a TSO terminal, and passes edited, justified, fixed-form data to an application program. A series of fields is accepted as terminal input, rather than a single record. Each field is validity checked, and formatted for use by the application program. Typing time is reduced through support of duplicate fields, and re-entry only of error fields. The FDP is designed to help quickly implement on-line Data Entry, or to test the viability of a proposed on-line system. This FDP runs in an OS/VS2 Time Sharing environment, as a subroutine of a COBOL program, and provides terminal input/output support for entering data into an application program operating under TSO. By introducing and enforcing terminal dialogue standards, the FDP can help present a more consistent and reasonable dialogue to the terminal user.

Flyer, 8 1/2 x 11 inches, 4 pgs, 10/76
 ////5798-CLG

SB21-1961

TSO INTERACTIVE DATA ENTRY SUPPORT FOR COBOL, FDP 5798-CLG, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-1960 (5798-CLG)
 Manual, 8 1/2 x 11 inches, 25 pgs, 10/76
 ////5798-CLG

GB21-1963

SYSTEM/370 VS BASIC CONVERSION, FDP 5798-CLH, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP is written in Assembler to run on a S/370 under DOS/VS or OS/VS. It is designed to assist users of G. E. Mark III, CDC call/370 Basic, and Tymeshare Superbasic in converting programs and data to VS Basic and the required data formats. Program conversion includes modifying the format of Basic statements; replacing Basic statements, functions and operators with equivalent VS Basic statements, functions and operators; changing BCD characters to EBCDIC characters (optional), and flagging statements which have no equivalent in VS Basic and can not be converted. Data conversion includes replacing commas (or another delimiter) with blanks, and enclosing character fields in quotes.

Flyer, 8 1/2 x 11 inches, 4 pages, 5/78
 ////5798-CLH

SB21-1964

SYSTEM/370 VS BASIC CONVERSION, FDP 5798-CLH, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program which is designed to run on S/370 under DOS/VS or OS/VS, see abstract for GB21-1963.
 Manual, 8 1/2 x 11 inches, 98 pages, 5/78
 ////5798-CLH

GB21-1969

IMS MASTER TERMINAL OPERATOR ASSIST FACILITY, FDP 5798-CLK, NOTICE

This Availability Notice contains complete ordering

information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, is designed to assist the IMS master terminal operator perform complicated or voluminous IMS command entry required to control large TP networks, applications, database and system resources.

Command sequences are precoded and stored for recall and execution as required by the master terminal operator, thus improving operator efficiency and eliminating entry of erroneous command keywords and parameters.

Existing master terminal operator capabilities and IMS recovery/restart capabilities are retained with this facility installed.

Flyer, 8 1/2 x 11 inches, 4 pgs, 10/76
 ////5798-CLK

SB21-1970

IMS MASTER TERMINAL OPERATOR ASSIST FACILITY, FDP 5798-CLK, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-1969 (5798-CLK)
 Manual, 8 1/2 x 11 inches, 28 pgs, 10/76
 ////5798-CLK

GB21-1978

IMS SOURCE PROGRAM AND JOB DEVELOPMENT SYSTEM II, FDP 5798-CLP, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

IMS Source Program and Job Development System (IMSJDS II), written in Assembler, is a new FDP and is an enhanced version of the FPD IMS Online Program and Job Development System (IMSJDS) (5798-COR), released June 27, 1975.

The IMS Source Program and Job Development System II provides the capability to develop, edit, modify, test and execute OS/VS jobs from IBM 3277-2 and 3275 Display Stations supported by the IMS DB/DC and IMS/VS DB/DC systems.

Release 1 of IMSJDS II has all the basic functions of the original product plus:

- o Extended 72 character mode editing
- o Extended 80 character mode editing
- o Extended execute function allowing for dynamic include of other input acts or copy members
- o Job status display
- o Enhanced installation procedure
- o Extended copy function
- o Online display of OS/VS data sets
- o Multiple generations of SYSOUT data
- o Additional user exit so users can use existing library management systems with IMSJDS
- o Support for MVS
- o Enhanced data display
- o Software tabbing
- o Improved user statistics
- o Performance improvements
 - Load balancing
 - No resident BMP requirement
 - Copy function 50% less calls
 - Delete performance improvements
 - More efficient data base organization
 - Elimination of previously required high overhead functions
 - Significant improvement in performance of execute function.

Flyer, 8 1/2 x 11 inches, 6 pgs, 10/76
 ////5798-CLP

SB21-1979

IMS JOB DEVELOPMENT SYSTEM II, FDP 5798-CLP, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-1978 (5798-CLP)
 Manual, 8 1/2 x 11 inches, 177 pgs, 10/76
 ////5798-CLP

GB21-1981

DOS/VS ENTRY TIME SHARING SYSTEM/II (ETSS/II), FDP 5798-CLR, AVAILABILITY NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The DOS/VS Entry Time Sharing System/II (ETSS/II) FDP, written in Assembler, is an intermediate level interactive facility designed to provide terminal users with problem solving capability, source program maintenance, and librarian functions. End user problem solving is accomplished via interactive use of languages such as PL/I, FORTRAN, and VS/BASIC. Source program maintenance is provided via features such as the ETSS/II context editor and the ability to test programs interactively. Librarian

functions include the ability to update, edit, or otherwise maintain up to 32,767 separate libraries. The libraries may contain data in compressed format for increased direct access space savings. In addition, an archiving function is available to allow the libraries to be maintained in off-line storage.

ETSS/II is an extension of the DOS/VS Entry Time Sharing System. ETSS/II has many new commands and functions not available in the original ETSS. These functions have been designed to provide the terminal user with a much more powerful interactive facility. Some of these extended features are as follows: dynamic disk space allocation, dynamic file label definition, terminal retrieval of output from POWER/VS, pseudo-partitions, availability of the pre-generated system, editing during pseudo-partition execution, data compression on the library, logic in procedures, multiple line input in a single terminal transmission, split screen use of 3270, buffered hard copy output, lower case input facilities, editor full screen verify, linecode editing, and indexed editing for large library members.

ETSS/II will run on a System/370 with a minimum of 160K bytes of real storage. It supports local and remote 3270 configurations with or without hardcopy 328X printers. If hardcopy printers are available, they may be used for buffered (via disk) off-line printing. Also supported are 2740, 2741, and 3767 terminals.

All terminal support will be handled by either the Customer Information Control System/Virtual Storage (CICS/VS) or the Minimum Telecommunication System/Virtual Storage (MTC/VS). If CICS/VS will be used, the minimum storage requirement should be 192K rather than 160K.

Normal batch compilers should function without modification in the ETSS/II pseudo-partition environment provided they conform to standard DOS/VS coding conventions. Programs in Assembler, VS/BASIC, DOS/VS COBOL, DOS FORTRAN/IV, PL/I Optimizer, and RPG II have been entered, compiled and executed from a terminal under ETSS/II.

ETSS/II executes in a single foreground partition. Batch processing, spooling, and remote job entry can execute concurrently outside the ETSS/II partition, and programs entered via terminal can be submitted for batch processing through a Submit-to-Batch facility.

Security features include user identification code, password, controlled access to public, private and common data via user profile, and user storage protection.

Regional Interactive Systems Representatives are prepared to provide technical marketing assistance for this FDP. These regional representatives are backed up by:

Interactive Marketing
Cross Applications Systems Marketing
Bethesda, Maryland

Flyer, 8 1/2 x 11 inches, 12 pgs, 9/77
/////5798-CLR

SB21-1982

DOS/VS ENTRY TIME SHARING SYSTEM/II (ETSS/II),
FDP 5798-CLR, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see BOIS abstract for GB21-1981 (5798-CLR).

Manual, 8 1/2 x 11 inches, 383 pgs, 9/77
/////5798-CLR

LB21-1983

DOS/VS ENTRY TIME SHARING SYSTEM/II (ETSS/II),
FDP 5798-CLR, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program see BOIS abstract for GB21-1981 (5798-CLR).

Manual, 8 1/2 x 11 inches, 136 pgs, 9/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1987

TSO PROGRAMMING CONTROL FACILITY - II, FDP 5798-CLW, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

PCF II, written in Assembler, offers the features of the TSO/VS2 Programming Control Facility FDP, 5798-BBJ, to users of MVS Release 3.7 with TSO/VTAM, RACF, or the TSO Command Package installed. Those PCF features which have been compatibly extended into the new environment include:

- o TSO command subsetting and program execution control by user
 - o File access control by file category and PCF authorization level
 - o SMP accounting data optionally recorded for each command and major subcommand
 - o Use of a semicolon as command delimiter for multiple commands entered per line
 - o User direct access space control by volume.
- New and enhanced capabilities include:
- o Improved command authorization control
 - o Volume control enhancements to support multiple volumes per user
 - o Standardized system interfaces for ease of MVS

- o maintenance
- o Full SMP support for installation
- o Continuous support.

This package enhances the functional capabilities of MVS/TSO while providing basic security and integrity features, and complements other new functions such as RACF.

The software prerequisite for this FDP is TSO/VTAM Selectable Unit or TSO Command Package Program Product (5740-XT6).

Flyer, 8 1/2 x 11 inches, 6 pages, 11/76
/////5798-CLW

SB21-1988

TSO PROGRAMMING CONTROL FACILITY - II
FDP 5798-CLW, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see EOIS abstract for GB21-1987 (5798-CLW).

Manual, 8 1/2 x 11 inches, 49 pages, 11/76
/////5798-CLW

LB21-1989

TSO PROGRAMMING CONTROL FACILITY - II
FDP 5798-CLW, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program see ECIS abstract for GB21-1987 (5798-CLW).

Manual, 8 1/2 x 11 inches, 25 pages, 11/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1990

IBM DIRECT ACCESS STORAGE DEVICE CONVERSION AID,
FDP 5798-CLQ, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, is intended to reduce the manual effort required to perform Direct Access conversions. IEM 3330 Model 1, Model 11, 3340, 3344, and 3350s are supported.

- The FDP provides for:
1. Generation of JCL and utility statements required to allocate space on the new device, move the data set to the new device, update the catalogue.
 2. Identification of affected data set JCL statements in the procedure library, and generates a jobstream to update the procedure library using user-supplied JCL parameter arguments.
 3. Space calculation routines to identify data sets whose current blocking factors do not effectively utilize space on the new device.
 4. Data set space requirements are calculated for the new devices.

Due to device independence, this FDP is not required for VSAM.

Flyer, 8 1/2 x 11 inches, 6 pgs, 10/76
/////5798-CLQ

SB21-1991

IBM DIRECT ACCESS STORAGE DEVICE CONVERSION AID,
FDP 5798-CLQ, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-1990 (5798-CLQ)

Manual, 8 1/2 x 11 inches, 145 pgs, 10/76
/////5798-CLQ

GB21-1996

DOS/VS 3330/3340 DATA SET CONVERSION AID - EXTENSIONS
FDP 5798-CNA, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This Field Developed Program, written in Assembler, is an extension of FDP 5798-AMN, which is a pre-requisite.

The Data Set Conversion program extensions is a utility program which copies data sets from 3330s and 3340s to either 3330 Model 11, 3350s (compatibility model) or 3344s. This enhancement allows conversion from any IEM DASD supported by DOS/VS Release 32 to any other larger IBM DASD supported by DOS/VS Release 32.

The following data set organizations are supported: sequential, ISAM, and Direct.

Flyer, 8 1/2 x 11 inches, 4 pgs 10/76
/////5798-CNA

SB21-1997

DOS/VS 3330/3340 DATA SET CONVERSION AID - EXTENSIONS
FDP 5798-CNA, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the

user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-1996 (5798-CNA)
Manual, 8 1/2 x 11 inches, 23 pgs, 10/76
/////5798-CNA

LB21-1998

DOS/VS 3330/3340 DATA SET CONVERSION AID - EXTENSIONS
FDP 5798-CNA, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program, see abstract for GB21-1996 (5798-CNA)
Manual, 8 1/2 x 11 inches, 13 pgs, 10/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-2002

IMS/VS VIRTUAL STORAGE ANALYSIS - FDP 5798-CNC, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in PL/1 and Assembler, the IMS/VS Virtual Storage Analysis Program (IMSVSAP), is designed to assist the systems programmer in an IMS/VS DB/DC installation in the analysis and improvement of IMS/VS performance. The IMSVSAP product serves as a vehicle to study the effect of paging on overall IMS/VS performance, and in particular on response time. This program produces a detail page fault report of all paging activity associated with the IMS/VS Control Region and IMS/VS Message Regions. A summary report is also provided which indicates the percentage of system page faults and the page faults per second associated with the IMS/VS Control Region, Message Regions, and non-IMS related jobs. A summary report is also supplied which further breaks down the IMS/VS Control Region page faults into categories by pools, blocks, and code in order to enable the systems programmer to page-fix the portions of IMS/VS which are most affecting response time. Availability notice, 8 1/2 x 11 inches, 6 pgs, 12/76
/////5798-CNC

SB21-2003

IMS/VS VIRTUAL STORAGE ANALYSIS - FDP 5798-CNC,
DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-2002.
Manual, 8 1/2 x 11 inches, 33 pgs, 12/76
/////5798-CNC

GB21-2005

IMS/VS LOCAL COPY-II - FDP 5798-CLZ, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, provides the local 3270 terminal user with hardcopy capability for locally attached components of the IBM 3270 Information Display System. When invoked, an image of the display screen is queued to a designated IBM 3284, 3286, or 3288. The program allows for user specification of either the PA3, or PFK12 keys to invoke the copy function. The program also provides for the printing of the terminal ID of the requesting terminal as well as for dynamic alteration of the destination printer by the system operator.

This support has been designed and implemented to be procedurally compatible with IMS 3270 Local Copy (5796-ABL).

IMS/VS Local Copy II was written in Assembler Language and has been tested with OS/VS1 Release 5.0, and IMS/VS Release 1.1.1 as well as OS/VS2 Release 3.7, and IMS/VS Release 1.1.3.
Availability notice, 8 1/2 x 11 inches, 4 pgs, 1/77
/////5798-CLZ

SB21-2006

IMS/VS LOCAL COPY-II - FDP 5798-CLZ, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-2005 (5798-CLZ).
Manual, 8 1/2 x 11 inches, 15 pgs, 1/77
/////5798-CLZ

GB21-2019

OS/VS ON-LINE PROBLEM TRACKING - FDP 5798-CNJ, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, is designed to assist

management in coping with the problems that occur in the DP installation.

Installation hardware and software problems can be entered and maintained in an on-line environment. An inquiry capability is provided for researching the master problem file for previously encountered occurrences of the same or similar problems. Inquiry responses are provided for individual or multiple symptoms and/or specific dates. An audit trail is provided for view by management's designated problem coordinator.

There are two versions of the program; IMS/VS and CICS/OS/VS.

IBM 3270 support is provided for on-line input and update, and hard copy output of any inquiry response. Availability Notice, 8 1/2 x 11 inches, 6 pgs, 12/76
/////5798-CNJ

SB21-2020

OS/VS ON-LINE PROBLEM TRACKING - FDP 5798-CNJ,
DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-2019 (5798-CNJ).
Manual, 8 1/2 x 11 inches, 116 pgs, 12/76
/////5798-CNJ

GB21-2022

ACCAP/CMS CONVERSION AID - FDP 5798-CNH, NCICIE

This FDP, written in OS ANS COBOL, the Autccoder to COEOL Conversion Aid Program for CMS, ACCAP/CMS, is designed to aid in the conversion of 1400 series Autocoder and 1401 SS programs to S/370 COEOL (DOS/VS and OS/VS versions). The ACCAP/CMS Conversion Aid FDP executes in a CMS Virtual Machine under VM/370.

The program provides the user all of the functions of the IBM Type II program "1400 Autocoder to CCBOL Conversion Aid Program" (360A-SE-19X) plus the following new functions:

- o Actual addresses for 1401 unit record areas accepted in 1440 programs.
- o SELECT and FDP statements generated via file control cards to support sequential, indexed sequential, and VSAM files. Either DOS/VS or CS/VS sysnames are generated for the ASSIGN verb.
- o OPEN and CLOSE statements generated via file control cards. Files are opened for INPUT, CUTPUT, and I-C.
- o 1400 sense switches set via DOS/VS "UFSI" JCI statement and OS/VS "EXEC" JCL statement "PARM" operand.
- o COBOL statements scanned and reformatted when required to produce syntactically correct ANS COBOL source decks. A listing is provided to display all changes to the source deck.

Availability Notice, 8 1/2 x 11 inches, 4 pgs, 11/76
/////5798-CNH

SB21-2023

ACCAP/CMS CONVERSION AID - FDP 5798-CNH, DESCRIPTION/
OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2022 (5798-CNH).
Manual, 8 1/2 x 11 inches, 76 pgs, 11/76
/////5798-CNH

GB21-2025

VTAM INTERFACE TO VIDEO/370 - FDP 5798-CNK, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The VTAM Interface to Video/370 FDP, written in Assembler, provides a VTAM application program that allows OS VIDEO/370 (5734-RCS) to operate under VTAM. This interface provides all the functions of VIEEC/370 as well as providing for the operation of local 3270 remote BSC 3270 and 3270 Systems operating in SCLC mode.

Availability notice, 8-1/2 x 11 inches, 4 pgs, 4/77
/////5798-CNK

SB21-2026

VTAM INTERFACE TO VIDEO/370
- FDP 5798-CNK, DESCRIPTION/OPERATIONS

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

For information about this program, see abstract for GB21-2025 (5798-CNK).
Manual, 8-1/2 x 11 inches, 9 pgs, 4/77
/////5798-CNK

GB21-2030

IMS AVAILABILITY REPORTS - FDP 5798-CNN, NCICIE

This Availability Notice contains complete ordering information for the Program and all its related

documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The IMS/VS Availability Reports Field Developed Program, written in Assembler, produces management-oriented reports which detail the availability of the major components of on-line system including the IMS Control Program, the 3270 Lines, the On-Line Transactions, and the Databases. This package can either augment a user's existing Availability Reporting System or can provide statistical data required to implement one. Four Availability oriented reports are produced by this package: The Daily Summary, the Consolidated Summary, the Daily Detail, and the Pseudo-console listing.

Each report is concise, easy to interpret, and is designed to focus management attention on potential problem areas. In addition, the Consolidated Summary report allows the customer to measure overall availability over extended periods of time. A TSO Interface is provided for timely summarizations of availability of remote locations. Availability notice, 8 1/2 x 11 inches, 6 pgs, 12/76
 ////5798-CNN

SB21-2031

IMS AVAILABILITY REPORTS (5798-CNN) - FDP 5798-CNN, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-2030 (5798-CNN).
 Manual, 8 1/2 x 11 inches, 83 pgs, 12/76
 ////5798-CNN

GB21-2032

DOS/VS TIME CONTROL - FDP 5798-CNQ, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, is designed to enhance the capability of DOS/VS by adding the facility of limiting certain programs to specified time durations. The user is given the option of specifying which DOS/VS partitions will be time controlled, giving time durations for specified programs, and excluding certain programs from time control. In situations where there is a large amount of testing being done on a system, the use of DOS/VS Time Control can be a valuable asset to the user.

Availability notice, 8 1/2 x 11 inches, 4 pgs, 11/76
 ////5798-CNQ

SB21-2033

DOS/VS TIME CONTROL, FDP 5798-CNQ, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2032 (5798-CNQ).
 Manual, 8 1/2 x 11 inches, 18 pgs, 11/76
 ////5798-CNQ

GB21-2044

3770-P BATCH TRANSMISSION SERVICES, FDP 5798-CNX, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, provides a host program that will maintain a library of 3770 function programs and transmit to and receive from the programmable models of the IBM 3774, and 3775. The library maintenance function builds and maintains a VSAM library from the data set created by the Program Validation Services program (BQBLIBI). The transmission function will process function programs, terminal commands, and data through either the Basic Telecommunications Access Method (BTAM) using Binary Synchronous Communications or the Virtual Telecommunications Access Method (VTAM) using Synchronous Data Link Control. This FDP contains all of the function provided by the IBM 3770 Communications Utility (5798-CKZ) plus SDLC support and other minor enhancements. The FDP is designed to operate under either DOS/VS or OS/VS.

Flyer, 8 1/2 x 11 inches, 4 pages, 12/77
 ////5798-CNX

SB21-2045

IBM 3770-P BATCH TRANSMISSION SERVICES PD/OM FDP 5798-CNX

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for SB21-2044 (5798-CNX).
 Manual, 8 1/2 x 11 inches, 109 pgs, 12/77
 ////5798-CNX

LB21-2046

IBM 3770-P BATCH TRANSMISSION SERVICES SYSTEMS GUIDE, FDP 5798-CNX

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program see abstract for GB21-2044 (5798-CNX).
 Manual, 8 1/2 x 11 inches, 32 pgs, 12/77
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-2047

DOS/VS INCIDENT REPORTING & TRACKING - FDP 5798-CNP, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, is designed to formalize and automate the tracking and reporting of problems within a data processing installation.

It provides for on-line entry, update and display of current, detailed problem information. Reports are also provided in batch mode for detailed and summary data. The on-line display is based on selection criteria entered by the user. Some of the categories coded are: Department, Application, Problem types, Failing component, System ID, ABEND codes, plus others. Space is also provided for user comments.

The FDP is designed to run under the control of DOS/VS using CICS/VS and VSAM.
 Availability notice, 8 1/2 x 11 inches, 8 pgs, 11/76
 ////5798-CNP

GB21-2050

IBM 3770 SCRT, FDP 5798-CNY, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, is designed to sort 3770 user datasets on the IBM 3770. The program accepts as input the SORT key and a reference back to the source data. The FDP sorts in either ascending or descending sequence, uses sort key lengths of 8, 16, 32 or 64, and sorts user data or new data being entered from a terminal. The program sorts user indexes so that user-indexed data sets may be accessed using binary search techniques.

Availability notice, 8 1/2 x 11 inches, 6 pgs, 11/76
 ////5798-CNY

GB21-2051

IBM 3770 SCRT, FDP 5798-CNY, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2050 (5798-CNY).
 Manual, 8 1/2 x 11 inches, 30 pgs, 11/76
 ////5798-CNY

GB21-2056

DOS/VS 3540 DISKETTE UTILITY FOR S/370-11 - FDP 5798-CN2, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, is a generally applicable utility program for the 3540 Diskette I/O unit.

Functional utilities available in addition to normal card, tape, diskette, and printer utilities provide the facility to examine, alter, and modify diskette data files used both testing and production environment.

Additional utilities provide the ability to perform Full Track Read and Write for 3540 I/O, Emulate 3747 function, display records on the console, Free Format for multiple input parameters, allow control card input for function specification.

Availability notice, 8 1/2 x 11 inches, 4 pgs, 1/77
 ////5798-CN2

SB21-2057

DOS/VS 3540 DISKETTE UTILITY FOR S/370-11 - FDP 5798-CN2, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-2056 (5798-CN2).
 Manual, 8 1/2 x 11 inches, 19 pgs, 1/77
 ////5798-CN2

GB21-2059

VIDEO CORRECTION OF OCR DATA - FDP 5798-CPE, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel

who are prospective users of the program and others who require information concerning it.

The primary function of this FDP, written in Assembler, is to provide a simple method of correcting unrecognizable characters resulting from a 3886 Optical Character Reader run. The programs are designed to operate under CICS using the 3270 Information Display System with the VIDEO-COLLECT RPQ.

The subject of correcting errors (unrecognizable characters) resulting from optical scanning is sometimes not only a technical problem, but frequently a psychological problem to be overcome by the prospective user.

The FDP provides a sequential disk file where the output of a 3886 Optical Character Reader run is stored. This data file normally contains characters which were unrecognizable to the Reader. The CICS program scans this file until an unrecognized character is encountered. It then displays the data string in the vicinity of the unrecognized character along with the video image of that character using the VIDEO COLLECT feature of the 3270 and 3886. The operator then interprets the character and enters the correct character via the 3270 System. The program inserts the correct character in the data stream, and constructs a corrected data file.

Statistics on counts of records read, the frequency of unrecognized characters by type, etc., are maintained. A program is provided to display the statistics.

Availability notice, 8 1/2 x 11 inches, 4 pgs, 12/76
 /////5798-CPE

SB21-2060

VIDEO CORRECTION OF OCR DATA - FDP 5798-CPE,
DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-2059 (5798-CPE).

Manual, 8 1/2 x 11 inches, 56 pgs, 12/76
 /////5798-CPE

GB21-2066

POWER/VS RJE CONTROLLED ACCESS MONITOR - FDP 5798-CPH,
NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This Field Developed Program, written in Assembler, is designed to allow a DOS/VS POWER/RJE Host system to restrict the Datasets and Programs which a remote terminal can access for processing through DOS/VS. The interface to POWER/VS is provided through the reader exit facility in the "POWER" macro. Anyone currently using a reader exit may continue to do so by linking this FDP to their current exit routines.

This FDP consists of a monitor program which scans job control statements for DLBL, EXEC, STDLABEL and PARSTD cards. Any attempt by remote station to (1) change the permanent area on the label cylinder, (2) access a data set not authorized by the user, or (3) execute a program not authorized by the user will result in that job being flushed from the POWER/VS input queue. In addition to the monitor program, three other Macros are provided to generate a remote station control table (RCT), a table (PCT). The RCT is used to determine which entries in PCT and FCT a remote station is allowed to execute or access. Changes to the monitor and/or tables can be made by recoding the macros and cataloging the new program. The new program becomes effective at POWER initialization.

Availability notice, 8 1/2 x 11 inches, 4 pgs, 12/76
 /////5798-CPH

SB21-2067

POWER/VS RJE CONTROLLED ACCESS MONITOR - FDP 5798-CPH,
DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-2066 (5798-CPH).

Manual, 8 1/2 x 11 inches, 17 pgs, 12/76
 /////5798-CPH

GB21-2069

MVS/TSO/VTAM DATA SET PRINT - FDP 5798-CPF, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This Field Developed Program, written in PLS/Assembler, provides the ability for a TSO user to have a specified data set directed to any 3284/3286/3288 printer or 3790 print data set that is attached and defined to the VTAM network.

This program is intended for use only on those TSO/MVS systems that have a VTAM network. The system environment may be either VTAM only, or a mixed TCAM and VTAM, but it is necessary that the designated printer be under control of VTAM.

This program provides the same facility to the TSO/VTAM user that the TSO Command Processor FDP (5798-AYF) provides to the TCAM only TSO user.

Availability notice, 8 1/2 x 11 inches, 4 pgs, 5/77
 /////5798-CPF

SB21-2070

MVS/TSO/VTAM DATA SET PRINT - FDP 5798-CPF,
DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2069.

Manual, 8 1/2 x 11 inches, 45 pgs, 5/77
 /////5798-CPF

LE21-2071

MVS/TSO/VTAM DATA SET PRINT - FDP 5798-CPF, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program see abstract for GB21-2069.

Systems guide, 8 1/2 x 11 inches, 52 pgs, 5/77
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-2073

IBM 3790/3770 PVS DATA SET TEST SUPPORT, FDP 5798-CPG NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This Field Developed Program, written in Assembler, is designed to increase the productivity of 3790/3770 application programmers. Use of this product can simplify the testing effort and reduce the time required for debugging application programs. The program creates, from user input data and control statements, a VSAM file to use as a simulated 3790/3770 dataset when testing application programs.

Previously, under the 3790/3770 Program Validation Services (PVS), the user would create simulated datasets for program testing by one of two methods: either by writing another 3790/3770 program to create the dataset or by writing a batch program to create a VSAM file properly structured for PVS.

All customers who are installing IBM 3790 Controllers or Programmable 3770 Terminals and using Program Validation Services (PVS) to develop and maintain their application programs are potential users of this FDP.

HIGHLIGHTS

- o Improve the productivity of application programmers by eliminating need for an "extra" program to load files for testing.
- o Eliminate the need to write VSAM load programs to test each application system by implementing a generalized utility program.
- o Allow the user to create a "baseline" set of 3790/3770 files for regression or recurrent testing during the life of an application program.
- o Document, by a printed listing, the contents of the 3790/3770 data set prior to the test.
- o Accept as input either tape or disk sequential files or a card "image" file. Such cards are blocked together to create a record of the proper length.
- o Using the card input capability, extend to the CMS, VSFC, TSO, AND ETSS user the capability to create test files as well as prepare and submit batch tests for 3790/3770 application programs from his terminal.

Availability Notice, 8 1/2 x 11 inches, 4 pgs, 11/76
 /////5798-CPG

SB21-2074

IBM 3790/3770 PVS DATA SET TEST SUPPORT - FDP 5798-CPG,
DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-2073 (5798-CPG).

Manual, 8 1/2 x 11 inches, 36 pgs, 11/76
 /////5798-CPG

GB21-2082

FORMAT/3800, FDP 5798-CPN, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it. This PDF, written in ALP, allows the user a quick and simple method of preparing 'pre-printed' or 'formatted' forms using the FORMAT character set of the 3800 Printing Subsystem. Using as input, cards that describe only the extreme starting and ending points of horizontal and vertical lines, the program will uniquely determine the location and type of any intersection, and produce a COPY MODIFICATION module for the formatted page. Also produced will be a sample of what the form will look like, which may be printed on a normal impact printer. Optically, EBCDIC text may be included.

Availability Notice, 8 1/2 x 11 inches, 4 pgs, 12/76

/////5798-CPN

SB21-2083

FORMAT/3800, FDP 5798-CPN, DESCRIPTION/OPERATIONS
 This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
 For information about this program, see abstract for GB21-2082 (5798-CPN).
 Manual, 8 1/2 x 11 inches, 23 pgs, 12/76
 /////5798-CPN

GB21-2084

CONSOLE SPOOLING UNDER POWER/VS, FDP 5798-CPQ, NOTICE
 This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
 This Field Developed Program, written in Assembler, collects the console messages generated in a POWER/VS controlled partition and prints them out on a line printer, following the normal printed output for the job.
 Many DOS/VS users find that it is difficult and awkward to obtain information from the DOS/VS console. In many cases vital debugging information is printed only on the console (SYSLOG) and not on the user's printout (SYSLST).
 Providing the user with automatically generated console messages can improve programmer productivity, decrease the time required to determine why a job failed, and minimize the number of times the computer operator is interrupted with requests to locate previous console entries. Console messages can be automatically routed to the submitting RJE terminal.
 CICS Source Program Maintenance Online II (5798-CFT) users can display their console listings on a local or remote 3270 Display Station.
 DP Managers and Auditors may find the printed output provides valuable audit and control information showing which jobs were executed, when they were executed, and which devices were accessed.
 Availability notice, 8 1/2 x 11 inches, 6 pgs, 3/77
 /////5798-CPQ

SB21-2085

CONSOLE SPOOLING UNDER POWER/VS - FDP 5798-CPQ, DESCRIPTION/OPERATIONS
 This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
 For information about this program, see abstract for GB21-2084.
 Manual, 8 1/2 x 11 inches, 44 pgs, 3/77
 /////5798-CPQ

LB21-2086

CONSOLE SPOOLING UNDER POWER/VS - FDP 5798-CPQ, SYSTEMS GUIDE
 This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
 For information about this program, see abstract for GB21-2084 (5798-CPQ).
 Manual, 8 1/2 x 11 inches, 53 pgs, 3/77
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-2089

MVS/SMF PROBLEM PROGRAM ACTIVITY REPORTING PROGRAM, FDP 5798-CPF, NOTICE
 This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
 This FDP, written in Assembler, selectively extracts and summarizes performance related data from SMF records. Each of three system resources, CPU, storage and I/O are reported on. Reports summarize the data into SMF Step End Summary reports, an SMF Job End Summary report, a non-VSAM I/O report, and a VSAM Data Set Activity report. An optional SMF step end summary report is provided if Supervisor Performance #2 selectable unit is installed.
 Flyer, 8 1/2 x 11 inches, 8 pgs, 3/77
 /////5798-CPF

SB21-2090

MVS/SMF PROBLEM PROGRAM ACTIVITY REPORTING PROGRAM, FDP 5798-CPF, DESCRIPTION/OPERATIONS
 This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
 For information about this program, see abstract for GB21-2089 (5798-CPF).
 Manual, 8 1/2 x 11 inches, 44 pgs, 3/77
 /////5798-CPF

GB21-2091

SYSTEM FOR GENERALIZED PERFORMANCE ANALYSIS REPORTING (GPBAR) - FDP 5798-CPR, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in ALC, is a Productivity Aid provided as a base for IMSASAP II (Field Developed Program 5798-CBJ) and other IBM or user written tuning aid and performance report programs. GPBAR also provides independent facilities to print user tailored graphs from performance data logs or other non-VSAM sequential data sets. GPBAR is an Assembler Language batch program which executes under OS/VS1 and OS/VS2 or as an OS/VS2 TSO foreground program.

The GPBAR design objectives are to provide facilities to reduce the cost of complex report program development; increase the quality of dependent report programs; relieve tedious and costly, but necessary effort to code print editing, layout and control routines; provide a common user interface to the execution of various report programs, and to enable the user to obtain time/event graphs from any sequential non-VSAM performance data log records with little or no additional programming.

Highlights

- o Base (IMSASAP II tuning aid) and other report programs. GPBAR was developed in conjunction with IMSASAP II. GPBAR comprises the functions common to the development and execution of report programs. GPBAR provides both executable control logic common to report programs, and coding aids to support the development of report programs written in Assembly Language.
 - o Handles any sequential non-VSAM input file. GPBAR uses QSAM to read non-VSAM sequential input files. Multiple, stacked files can be handled. An internal queue management technique enables fast processing of input files in a single pass without using a sort utility.
 - o Prints user tailored graphs defined at execution time. GPBAR provides a graphing facility for SYS1, LOGREC, IMS/VS monitor logs, or user specified input files. Input file record occurrences, rates or accumulated values can be graphed versus time. The 'graph' command allows user definition of graphing parameters which tailor the resulting reports to his needs.
 - o Common user access to all report programs.
 - Flexible command language controls GPBAR execution
 - Copy feature allows prestored command input
 - Help facility lists information on IEM supplied commands
 - o SYNAD and STAE routines. GPBAR provides SYNAD and STAE exits so that partial reports are printed even if input or processing errors force abnormal termination.
- Availability notice, 8 1/2 x 11 inches, 12 pgs, 4/77
 /////5798-CPR

SB21-2092

SYSTEM FOR GENERALIZED PERFORMANCE ANALYSIS REPORTING (GPBAR) - FDP 5798-CPR, DESCRIPTION/OPERATIONS
 This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
 For information about this program, see abstract for GB21-2091 (5798-CPR).
 Manual, 8 1/2 x 11 inches, 115 pgs, 4/77
 /////5798-CPR

GB21-2100

VIRTUAL MACHINE FACILITY/370 PERFORMANCE/MONITOR ANALYSIS, RELEASE 3, FDP 5798-CPX, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This extended support FDP, written in PL/I, enables VM/370 systems analysts and administrators to obtain reports and graphs portraying the performance and utilization of a running VM/370 system. The FDP uses data collected by the VM/370 MONITOR command. It requires little previous knowledge of VM/370 and should be of value to new VM/370 installations as well as to experienced users.

The functions available with Release 2.0 are:

- An attached processor report that presents information on the rate of page reads, page writes, real external interrupts and virtual SVCs attributed to the attached processor, the main processor and the total system.
- An attached processor report that presents information on the locking activities associated with an attached processor environment. It provides data on both spin locks and on activity deferred due to the inability of acquiring a lock.
- Provides a count of the number of times a virtual machine waited on the global system lock.
- Provides the user with the ability to subtract I/O time from the calculation of expansion factors.
- Provides the user with the ability to calculate storage utilization based on either real main storage size or on the number of pageable pages available.
- Provides support for the "MONITOR-to-DISK" facility of VM/370 Release 5.

The use of the "MONITOR-to-DISK" facility of VM/370 Release 5 eliminates the need for a tape to be dedicated for

collection monitor data. Monitor tape input is still Release 3.0 contains support for VM/Systems Extensions (SEPP), 5748-XE1, and VM/Basic System Extension (BSEPP), 5748-XX8 monitor data, enhanced processing of spool files, ACUM files and reports, plus error correction to Release 2.0. The following functions are available with Release 3.0:

- Facilities to assist users in creating subsets of ACUM history files.
- A program to sequentially page number a set of VMAP reports
- A new PROFILE EXEC for automatic data reduction of Monitor Spool files
- Facilities to uniquely identify ACUM files based on the creation date and time of the original Monitor data
- A three-part report reflecting feedback information on the Resource Manager of the SEPP and BSEPP program products.
- Two additional SEPP reports: one summarizing migration activities, the other presenting shadow table maintenance activities.

Flyer, 8 1/2 x 11 inches, 4/78
 ////5798-CPX

SB21-2101

VIRTUAL MACHINE FACILITY/370, PERFORMANCE/MONITOR ANALYSIS
FDP 5798-CPX, DESCRIPTION/OPERATIONS
 This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
 For information about this program see abstract for GB21-2100 (5798-CPX).
 Manual, 8 1/2 x 11 inches, 227 pages, 4/78
 ////5798-CPX

LB21-2102

SYSTEM/3 TO SYSTEM/370 SCREEN CONVERSION AID,
FDP 5798-CQH, SYSTEMS GUIDE
 This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
 For information about this program, see abstract for GB21-2128 (5798-CQH).
 Manual, 8 1/2 x 11 inches, 11 pgs, 7/77
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-2103

FILE CABINET OPTION, FDP 5798-CPY, NOTICE
 This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
 This FDP offers the user a new online option in handling data currently destined for printing or microfiche/film. The functions provided can be used to reduce operational costs associated with printing and computer output microfilm, as well as increasing data availability, end-user productivity and data security.
 The File Cabinet Option FDP captures designated output data sets from the JES2 Spool and stores or archives them to the IBM 3850 Mass Storage System, 3330, 3340, or 3350 DASD Facility. This data, which is printed or microfilmed today, can then be viewed via an IBM 3270 terminal system and reprinted on demand. Powerful terminal commands aid the user in viewing authorized output images either to answer inquiries directly from the online data or to request reprint of individual pages, range of pages or entire data sets.
 Flyer, 8 1/2 x 11 inches, 12/78
 ////5798-CPY

SB21-2104

FILE CABINET OPTION, FDP 5798-CPY, DESCRIPTION/OPERATIONS
 This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
 This FDP offers the user a new online option in handling data currently destined for printing or microfiche/film. The functions provided can be used to reduce operational costs associated with printing and computer output microfilm, as well as increasing data availability, end-user productivity and data security.
 The File Cabinet Option FDP captures designated output data sets from the JES2 Spool and stores or archives them to the IBM 3850 Mass Storage System, 3330, 3340, or 3350 DASD Facility. This data, which is printed or microfilmed today, can then be viewed via an IBM 3270 terminal system and reprinted on demand. Powerful terminal commands aid the user in viewing authorized output images either to answer inquiries directly from the online data or to request reprint of individual pages, range of pages or entire data sets.
 Manual, 8 1/2 x 11 inches, 204 pages, 12/78
 ////5798-CPY

LB21-2105

FILE CABINET FACILITY FDP 5798-CPY SYSTEMS GUIDE
 No abstract available.
 Manual, 56 pages
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SB21-2111

CS/VS ATMS II SUPPORT FOR THE IBM 6640 DOCUMENT PRINTER,
FDP 5798-CQA; FOR OFFICE SYSTEM 6, 5798-CTE TERMINAL USER
GUIDE
 This manual describes the functions available and the proper methods for using this Field Developed Program by an Operator of the IBM 6640 Document Printer or Office System 6 and the ATMS-II Control Operator.
 For information about this program, see abstract for GB21-2109 (5798-CQA).
 Manual, 8 1/2 x 11 inches, 46 pgs, 1/78
 ////5798-CQA,5798-CTB

GB21-2121

CICS/VS MVS PEER ADDRESS SPACES - FDP 5798-CQE, NOTICE
 This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
 This FDP, written in Assembler, facilitates the running of multiple copies of CICS/VS in an MVS environment. It helps users to realize the performance potential of a multi-processing environment (AP and MP configurations). This is achieved by distributing the function over multiple copies of CICS/VS. One copy of CICS/VS (designated as the DC copy) is primarily concerned with controlling the terminal network. It passes transactions via the FDP to the other copy(s) of CICS/VS (designated as TX copies) for processing. Terminal I/O requests in the TX copies are intercepted and passed to the DC copy for execution. The FDP and this concept of operation offers greater CICS/VS system protection from errant application programs. New applications, for example, can be brought up in their own TX copy of CICS/VS but still use the same terminal network which supports the production system. All MVS CICS/VS users (including UP configuration) can benefit from this aspect of the FDP.
 All copies of CICS/VS may retain the capability to perform all CICS/VS functions. The DC copy can process transactions and the TX copies can control additional terminals at the users option.
 Accounts considering proposing this FDP should review their plans with the Palo Alto Systems Center.
 A feature (Specify 9550, 9551) is available that will extend the Central Service support for CICS/VS MVS Peer Address Spaces, 5798-CQE, until August 31, 1980.
 The original Central Service period for 5798-CQE ended 6/15/79.
 Availability notice, 8 1/2 x 11 inches, 4 pgs, 4/77
 ////5798-CQE

SB21-2122

CICS/VS MVS PEER ADDRESS SPACES - FDP 5798-CQE,
DESCRIPTION/OPERATIONS
 This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
 For information about this program, see abstract for GB21-2121 (5798-CQE).
 Manual, 8 1/2 x 11 inches, 108 pgs, 4/77
 ////5798-CQE

GB21-2126

HDAM SEQUENTIAL RANDOMIZER GENERATOR, FDP 5798-CQG, NOTICE
 This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
 This Field Developed Program, written in Assembler, analyzes a set of data base keys and generates a load module that may be used by the IMS DB Program Product 5740-XX7. The randomizer generates DASD addresses which are in the same relative sequences as the data base key and thus provides the capability of retrieving data base records from an HDAM data base in ascending logical sequence by processing the data base sequentially.
 Flyer, 8 1/2 x 11 inches, 4 pgs, 6/77
 ////5798-CQG

SB21-2127

HDAM SEQUENTIAL RANDOMIZER GENERATOR - FDP 5798-CQG,
DESCRIPTION/OPERATIONS
 This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
 This FDP is written in Assembler. This Field Developed Program analyzes a set of data base keys and generates a load module that may be used by the IMS DB Program Product 5740-XX7. The randomizer generates DASD addresses which are in the same relative sequences as the data base key and thus provides the capability of retrieving data base records from an HDAM data base in ascending logical sequence by processing the data base sequentially.
 Manual, 8 1/2 x 11 inches, 191 pgs., 6/77
 ////5798-CQG

GB21-2128

SYSTEM/3 TC SYSTEM/370 SCREEN CONVERSION AID, FDP 5798-CQH,
NOTICE
 This Availability Notice contains complete ordering

information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, is intended to assist in the transition from System/3 CCP to System/370 CICS/VS and should reduce the time required for the conversion by eliminating the routine, repetitive aspect of the task. System/3 DPF screen maps are converted to equivalent System/370 CICS/VS maps, CCP duplication function is supported, field names are edited to meet COBOL conventions and autoskip fields are generated if necessary. Flyer, 8 1/2 x 11 inches, 4 pgs, 7/77
/////5798-CQH

SB21-2129

SYSTEM/3 TO SYSTEM/370 SCREEN CONVERSION AID, FDP 5798-CQH DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-2128 (5798-CQH).
Manual, 8 1/2 x 11 inches, 30 pages, 7/77
/////5798-CQH

GB21-2130

S/3 OCL TO DOS/VS JCL CONVERSION AID, FDP 5798-CQJ, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This conversion aid FDP, written in Assembler, has been designed to assist System/3 users in converting System/3 Operating Control Language to DOS/VS Job Control Language. The program reads System/3 Operation Control Language statements, analyzes the statements and makes the appropriate conversion to DOS/VS Job Control Language. The Field Developed Program issues warning messages when no DOS/VS Job Control Language counterpart exists, or when an inconsistency is detected. This Field Developed Program takes advantage of user supplied tables to correlate System/3 and System/370 devices, and dataset names with DOS/VS System numbers. This Field Developed Program is written in DOS/VS Assembler and employs device independent techniques and Virtual Storage Access Method. Flyer, 8 1/2 x 11 inches, 4 pgs, 10/77
/////5798-CQJ

SB21-2131

S/3 OCL TO DOS/VS JCL CONVERSION AID, FDP 5798-CQJ, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-2130 (5798-CQJ).
Manual, 8 1/2 x 11 inches, 50 pgs, 10/77
/////5798-CQJ

GB21-2137

GIS/VS 3270 FORMATTING AID FDP 5798-CQN, AVAILABILITY NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP is written in Assembler. The GIS/VS 3270 Formatting Aid FDP is designed to assist the user of GIS/VS in an IMS/VS terminal environment. The user is provided with a series of 3270 IMS/VS screen formats which will guide him through a terminal session and enable him to easily enter GIS/VS queries. Screen formats are provided which will help him enter queries from a skeletal 3270 screen, edit queries and maintain the GIS/VS task data base, call a GIS/VS "HELP" function, and review user data base segment and field names as defined to GIS/VS.

It will enable the user to converse with the system in order to submit data base queries. A tailoring facility will let the user standardize queries in any form desired. Users will be able to concentrate on the logic of the query rather than syntax requirements.
Availability Notice, 8 1/2 x 11 inches, 4 pgs., 6/77
/////5798-CQN

SB21-2138

GIS/VS 3270 FORMATTING AID, FDP 5798-CQN, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see Abstract for GB21-2137 (5798-CQN).
Manual, 8 1/2 x 11 inches, 43 pgs., 6/77
/////5798-CQN

GB21-2139

IMS/VS PERFORMANCE ANALYSIS AND REPORTING SYSTEM (IMSPARS), FDP 5798-CQP, NOTICE

This Availability Notice contains complete ordering

information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in ALC, is a Performance Analysis and Tuning Aid for IMS/VS DB/DC systems and provides a variety of reports designed to help the user improve the productivity of the IMS/VS system. The reports, derived from the IMS/VS log tape, provide information in the areas of

Transaction response times
IMS system resource usage
IMS system resource availability

The IMSPARS reports are designed for different working levels within the data processing organization. A management summary report lets management know if IMS is functioning within expected limits. A series of summary reports are intended for administrators and analysts who want various types of operating information in easy to read summary form. Finally, detail reports assist analysts and programmers involved in problem solving.

IMSPARS executes under, and requires, the System for Generalized Performance Analysis Reporting (GPAR), (Program Number 5798-CFR). It supports log tapes produced by IMS/VS 1.1.4, and it is released with extended support. Flyer, 8 1/2 x 11 inches, 4/78
/////5798-CQP

SB21-2140

IMS/VS PERFORMANCE ANALYSIS AND REPORTING SYSTEM (IMSPARS), FDP 5798-CQP, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2139 (5798-CQP).
Manual, 8 1/2 x 11 inches, 130 pages, 4/78
/////5798-CQP

GB21-2142

GENERALIZED TRACE FACILITY PERFORMANCE ANALYSIS (GTFPARS), FDP 5798-CQQ, AVAILABILITY NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in ASM, is a performance analysis and tuning aid for OS/VS Operating Systems. Data input is created by the Generalized Trace Facility (GTF), a standard feature of OS/VS systems.

GTFPARS provides the system programmer with a comprehensive collection of reports that help identify problems which impact overall OS/VS system performance or performance sensitive online applications such as IMS/VS, CICS/VS, or TSP. It produces Job and System Summary Reports, as well as Detail Trace Reports. Summary Reports include information on SVC, Page Fault, I/C, Seek Distribution and Arm Movement, System Resources Manager, External Interrupt, Contents Supervision, etc.

Detail Trace Reports provide the user with a chronological listing of events when the Summary type of information is inadequate to pinpoint a problem area. GTFPARS executes under the System for Generalized Performance Analysis Reporting (GPAR) FDP 5798-CFR. Flyer, 8 1/2 x 11 inches, 12 pages, 12/77
/////5798-CQQ

SB21-2143

GENERALIZED TRACE FACILITY PERFORMANCE ANALYSIS (GTFPARS), FDP 5798-CQQ, PROGRAM DESCRIPTION/OPERATIONS MANUAL

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-2142 (5798-CQQ).
Manual, 8 1/2 x 11 inches, 90 pages, 12/77
/////5798-CQQ

SB21-2145

DOS/VS ENTRY TIME SHARING SYSTEM/II (ETSS/II), FDP 5798-CLR, TERMINAL USERS GUIDE

For information about this program see ECIS abstract for GB21-1981 (5798-CLR).

This guide is for terminal users.
Manual, 8 1/2 x 11 inches, 513 pgs, 9/77
/////5798-CLR

SB21-2146

DOS/VS ENTRY TIME SHARING SYSTEM/II (ETSS/II), FDP 5798-CLR, TERMINAL USER'S SUMMARY

For information about this program see ECIS abstract for GB21-1981 (5798-CLR).

This summary is for terminal users.
Manual, 8 1/2 x 11 inches, 98 pgs, 9/77
/////5798-CLR

GB21-2151

CALL/OS TC USEC ENVIRONMENT TRANSITION PROGRAM, FDP 5798-CGR, NOTICE

This FDP is written in Assembler, provides CALL/CS

installations with the ability to selectively, as well as totally, convert their users to the VSPC environment with little manual effort. The FDP is a utility program which uses the CALL/OS backup tape to create an archive tape compatible with the VSPC archive tape. The program provides the means for dynamically transferring and converting all user profiles and programs/data files from CALL/OS to VSPC.

Highlights

- Automatic definition of user profiles based on installation specifications.
- Automatic definition of project libraries to VSPC.
- Conversion of BASIC, PL/1, FORTRAN programs under CALL/OS to meet the specifications of these compilers under VSPC.
- User options to convert internal data files under CALL/OS to either internal or external data files under VSPC.

Flyer, 8 1/2 x 11 inches, 8 pgs, 9/77
 ////5798-CQR

SB21-2152

CALL/OS TO VSPC ENVIRONMENT TRANSITION PROGRAM, FDP 5798-CQR, DESCRIPTION/OPERATIONS
 This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract GB21-2151, Availability Notice for FDP 5798-CQR.
 Manual, 8 1/2 x 11 inches, 53 pgs, 9/77
 ////5798-CQR

LB21-2153

CALL/OS TO VSPC ENVIRONMENT TRANSITION PROGRAM, FDP 5798-CQR, SYSTEMS GUIDE
 This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program, see abstract GB21-2151, Availability Notice for 5798-CQR.
 Manual, 8 1/2 x 11 inches, 99 pgs, 9/77
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-2154

IBM 3800 PLOTTING FACILITY, FDP 5785-AAA, NOTICE
 This Availability Notice contains complete ordering information for the program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in FORTRAN IV, allows the creation of precise drawings and graphs on the IBM 3800 Plotting Subsystem. It uses simple commands, similar to those used for drawings on plotting devices.

The objective of the product is to produce on an IBM 3800 Printing Subsystem more precise drawings and graphs than have been possible using periods or asterisks on conventional printers.

Highlights

- Ease of use - the common interfaces to the plotting subroutines are identical, from a parameter standpoint, to those of available plotter packages.
- Higher quality graphs - the graphics output are of a quality acceptable for final copy in graphs not requiring a high degree of resolution, such as business trend analysis. In addition, it can be used to test programs which produce graphs requiring a high degree of resolution, such as engineering drawings.

Flyer, 8 1/2 x 11 inches, 4 pgs, 9/77
 ////5785-AAA

SB21-2155

3800 PLOTTING FACILITY, FDP 5785-AAA, DESCRIPTION/OPERATIONS
 This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

See abstract for GB21-2154 (5785-AAA).
 Manual, 8 1/2 x 11 inches, 57 pgs, 9/77
 ////5785-AAA

GB21-2156

CICS/VS FORMATTED TRANSACTION DUMP ONLINE, FDP 5798-CQY, NOTICE
 This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, makes CICS/VS transaction dumps available to online CICS/VS users in formatted mode for display and analysis on an IBM 3270 terminal with optional CICS transaction security.

The actual dump is written to a VSAM Key Sequential Data Set in unformatted mode when the dump is produced and formatted a screen at a time for analysis. The FDP has preserved the format of the previous batch utility program so the online dumps will be familiar to the user.

The FDP intercepts the task dump requests, and writes the records produced to a Key Sequential Data Set using date, time, and terminal ID as a key. If the FDP cannot continue, it reverts to the old method of storing dumps in the previous CICS/VS sequential dump data sets, so that

transaction dumps are not lost.

Once a dump is stored in the VSAM Key Sequential Data Set, a terminal operator can call up the dump on a 3270 terminal. The display is formatted very similar to the batch utility format and is pageable at the terminal. The operator can scan the dump looking for a 1-20 byte character string as well as get formatted trace table entries.

At the end of the analysis the terminal operator can request that the dump be deleted or kept for later referral or printed on a hard copy terminal or line printer.

An inquiry is available to display the number and IDs of all dumps currently active.

The FDP was tested under DOS/VS Release 34.0, CICS/VS Release 1.3, and OS/VS1 Release 6. It is written in Assembler Language.

Flyer, 8 1/2 x 11 inches, 4/78
 ////5798-CQY

SB21-2157

CICS/VS FORMATTED TRANSACTION DUMP - ON-LINE, FDP 5798-CQY, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this document, see abstract for GB21-2156 (5798-CQY).

Manual, 8 1/2 x 11 inches, 102 pages, 4/78
 ////5798-CQY

SB21-2160

IBM 3770/3790 ASSEMBLER LISTING POST EDITOR, FDP 5798-CQZ, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-2159 (5798-CQZ).

Manual, 8 1/2 x 11 inches, 18 pgs, 10/77
 ////5798-CQZ

GB21-2165

IBM 3890 DCS/VS CYCLE SORT, FDP 5798-CQX, NOTICE
 This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, provides the software required to sort on-us items into the following general categories (based on input from the user's Demand Deposit Accounting system):

- Items requiring special handling.
 - Signature verification items.
 - High item-volume items.
 - Items sorted by statement cycle for bulk filing.
- Software for the 3890 Document Processor features:
- 3277 Display station for control of 3890 function.
 - Full restartability with restart display.
 - Jam display.
 - Status display of current status of 3890 including item and reject statistics.
 - Asynchronous tasks for 3890 and 3277 allows resumption of reading when 3890 is made ready, without operator action at 3277.

Reports are provided which show the distribution of low-speed items and the intended distribution of items rejected during the cycle sort.

Flyer, 8 1/2 x 11 inches, 4 pages, 1/78
 ////5798-CQX

SB21-2166

3890 DOS/VS CYCLE SORT, FDP 5798-CQX, DESCRIPTION/OPERATIONS
 This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-2165 (5798-CQX).

Manual, 8 1/2 x 11 inches, 82 pages, 12/77
 ////5798-CQX

GB21-2170

IBM 3890 ON-LINE FINE SORT, FDP 5798-CRC, NOTICE
 This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, COBOL, is designed to improve fine sort productivity by eliminating one or more document passes per run and by processing multiple banks and related control documents in a single run, resulting in reduced setup and handling. Sorting is achieved by host program communication with 3890 SCI using pocket assignments calculated at the host.

Facilities of this FDP include radix sorting (number compression by assigning an alias and base number conversion of the alias); image matching; multiple sort specifications per run; high volume account kill; divider insertion; processing of on-us tracers and bank control documents; operator communication via CRTs; restart/recovery; High Volume Accounts report and Sort Statistics report.
 Flyer 8 1/2 x 11 inches, 4 pages, 12/77

////5798-CRC

SB21-2171

3890 ON-LINE FINE SORT, FDP 5798-CRC, DESCRIPTION/OPERATIONS
This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-2170 (5798-CRC).
Manual, 8 1/2 x 11 inches, 84 pages, 1/78
////5798-CRC

GB21-2173

IMS/VS IBM 3790 OUTBOARD FORMATTER, FDP 5798-CRD/CWY, NOTICE
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, provides for migration of 3270 applications and screen formats from IMS/VS to an IBM 3790. These FDPs were designed to be used with IMS/VS and therefore a prospect for these programs should be a licensed user of IMS/VS (5740-XX2) with the Data Communication Feature.

These FDPs can significantly reduce the amount of data transmitted between IMS/VS and the 3790 in 3270 Data Stream Compatibility mode. This is accomplished by eliminating literals and other fixed data from the data stream transmitted from IMS/VS to the 3790. Panels containing the literals and other fixed data are retrieved from the panel data set at the 3790 and merged with the variable data contained in the condensed 3790 data stream. This composite screen is then displayed on the 3277 with the same appearance and operating characteristics as an unconverted SLU type 2 3270 data stream.

Migration options are provided so that users may gradually convert some of their existing 3270 formats to the SLU type 2 condensed formats while continuing to run with existing 3270 and unconverted SLU type 2 formats.

The Outboard Formatter consists of two programs - a conversion utility (5798-CRD), which is installed at the host System/370 and a Monitor (5798-CWY), (a 3790 function program) which the user installs on each 3791 controller. 5798-CRD is a prerequisite for 5798-CWY. A license is required for each 3791 that uses 5798-CWY. The major functions of the conversion utility (5798-CRD) are:

- Conversion of existing MFS source statements to new condensed MFS source statements that do not contain literals or constant data.
- Creation of a set of 3790 full-screen panels corresponding to the condensed format definitions. Each panel contains all of the literals and auto-skip sequences that were removed from the MFS format definitions.
- Optional creation of a set of 3790 Forms that describe the 3270 screen. These forms help aid users who want to include their own application logic in the monitor.
- Statistics are generated on the total amount of data transmitted and the savings resulting from the use of these programs.

The 3790 Monitor program (5798-CWY) performs the functions of:

- Receiving and transmitting the 3270 data stream between IMS/VS and the 3790.
- Retrieving the appropriate panel from the panel data set and merging it with the 3270 data stream received from IMS/VS.
- Providing documented exit points so that user application function may be performed in the 3790.

Flyer, 8 1/2 x 11 inches, 6 pages, 8/78
////5798-CRD

SB21-2174

IMS/VS IBM 3790 OUTBOARD FORMATTER, FDP 5798-CRD/CWY, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2173 (5798-CRD/CWY).
Manual, 8 1/2 x 11 inches, 146 pages, 8/78
////5798-CRD, 5798-CWY

GB21-2179

MVS SECONDARY OPERATOR FACILITY, FDP 5798-CRE, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, provides facilities to simplify MVS console operation and reduce the possibility of operator delays and errors. This FDP runs as an MVS job and has two major functions: Command/Job Procedure Processing; and Time-of-Day Event Scheduling.

Command/Job Procedure Processing allows operators to request execution of complex procedures containing OS/MVS, JES, VTAM, and/or TCAM commands. Parameter substitution and control logic facilities are provided. Procedures may submit jobs to MVS for execution.

Time-of-Day Event Scheduling will automatically submit production and/or backup jobs for execution at dates and

times specified by the user. A checkpoint/catch-up facility covers the possibility that the system is down at the requested schedule time. Command procedures and write-to operator messages may also be executed at specified dates and times.

Flyer, 8 1/2 x 11 inches, 4 pgs, 12/77
////5798-CRE

SB21-2180

MVS SECONDARY OPERATOR FACILITY, FDP 5798-CRE, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2179 (5798-CRE).
Manual, 8 1/2 x 11 inches, 52 pgs, 12/77
////5798-CRE

LE21-2181

MVS SECONDARY OPERATOR FACILITY, FDP 5798-CRE, SYSTEMS GUIDE
This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program, see abstract for GB21-2179 (5798-CRE).
Manual, 8 1/2 x 11 inches, 20 pgs, 12/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-2184

ATMS II FCMT CHANGE FOR THE IEM 3800, FDP 5798-CRH, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The ATMS II Font Change for IBM 3800 Field Developed Program, written in Assembler, provides new capabilities for in-house publishing utilizing the Advanced Text Management System (ATMS II) and the IEM 3800 Printing Subsystem.

High quality output with mixed fonts, which may be suitable as final composed copy, can now be generated using this FDP. Simple font change controls can be imbedded in the original text which will cause the text to be printed using the font specified when output to the IBM 3800. New character sets provided include eight 12-pitch and one 15-pitch which allow 20% or 50% greater page density respectively.

Additionally, the nine new character sets provided can be used by themselves without ATMS II for other existing or new IBM 3800 printer applications.

Flyer, 8 1/2 x 11 inches, 6 pgs, 10/77
////5798-CRH

SB21-2185

ATMS II FONT CHANGE FOR THE IBM 3800, FDP 5798-CRH, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2184 (5798-CRH).
Manual, 8 1/2 x 11 inches, 36 pgs, 10/77
////5798-CRH

GB21-2190

DOS/DITTO AND EXTENSIONS, FDP 5798-ARN AND 5798-CAF, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

DOS/DITTC (5798-ARN), written in Assembler, is a general purpose utility program containing thirty-seven (37) utility functions for Unit Record, Tape and Disk Input/Output units. Functional utilities available in addition to normal card, disk, and tape utilities are: Tape and Disk Record Scan, Disk and Tape Record Alteration, Disk ID Volume Number Change, DeLocking of Tape Records when printing, and User Tape Error Correction. DCS/DITTO is an enhanced version of the Type III program DITTO (3600-00.1.018).

The Enhancement Feature (9500, 9501) to 5798-ARN supports the IEM 3300-11 and 3350 disk storage units and operation with Advanced Functions-DOS/VS (5746-XE2).

EXTENSIONS to DOS/DITTC for System/370 (5798-CAF) adds 24 additional user-oriented functions to DCS/DITTO (5798-ARN). The Enhancement Feature (9502, 9503) to 5798-CAF supports the IBM 3330-11 and 3350 disk storage units and operation with Advanced Functions-DOS/VS (5746-XE2).

Flyer, 8 1/2 x 11 inches, 6 pages, 9/77
////5798-ARN, 5798-CAF

GB21-2211

TERMINAL CONTROL PROGRAM FOR ETSS/II, FDP 5798-CRX, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, provides the Terminal Control function for the DOS/VS Entry Time Sharing System/II (ETSS/II), 5798-CLR, when neither MTCS/VS or CICS/VS is available. It will allow ETSS/II to operate in those environments where there is no requirement for a transaction based data communication system.

Function and design is similar to that of the Terminal Control FDP (5798-CGC) which supports ETSE/I.
Flyer, 8 1/2 x 11 inches, 4 pages, 12/77
/////5798-CRX

SB21-2212

TERMINAL CONTROL PROGRAM FOR ETSS/II, FDP 5798-CRX, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2211 (5798-CRX).
Manual, 8 1/2 x 11 inches, 116 pages, 12/77
/////5798-CRX

GB21-2215

IBM BRAILLE UTILITIES, FDP 5798-CRZ, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, converts machine-readable EBCDIC data sets into a correspondence braille code to be embossed on IBM impact printers with appropriate braille RPOs attached.

This FDP is designed to provide visually impaired braille readers employed in electronic data-processing activities with access to information normally available through computer printouts. These computer printouts might include many conceivable types of listings generated during the course of job-related activities: reports, program listings, machine-readable text, etc.

Flyer, 8 1/2 x 11 inches, 4 pages, 9/78
/////5798-CRZ

SB21-2216

IBM BRAILLE UTILITIES, FDP 5798-CRZ, PROGRAM DESCRIPTION/OPERATIONS MANUAL

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2215 (5798-CRZ).
Manual, 8 1/2 x 11 inches, 39 pages, 9/78
/////5798-CRZ

GB21-2217

DASD SEEK SIMULATOR, FDP 5798-CTD, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The DASD Seek Simulator FDP, written in ASM/PLI, assists in solving an OS/VS (MVS, SVS, VS/1) installation's performance problems associated with arm movement. It is a tool which can optimize the placement of datasets upon a DASD volume, and members within a PDS, to achieve minimal arm movement. The simulator allows evaluation of various dataset placement strategies without moving any datasets. In a simulator run the user may have the simulator optimize dataset placement and/or have the simulator evaluate user specified dataset placements. Simulation can be based upon data from a single GTF trace or merged data from a history of traces previously analyzed.

Highlights include:

- Reduction of Timestamp and Time adjustment
- Conversion of UNIT addresses
- Shared file support
- Fixed Head Facility support

Flyer, 8 1/2 x 11 inches, 6 pages, 1/78
/////5798-CTD

SB21-2218

DASD SEEK SIMULATOR, FDP 5798-CTD, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2217 (5798-CTD).
Manual, 8 1/2 x 11 inches, 62 pages, 1/78
/////5798-CTD

GB21-2225

PROGRAM FUNCTION KEY SIMULATOR FOR SPF-II, FDP 5798-CTF, AVAILABILITY NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, provides the capability of using the TSO-3270 Display Support and Structured

Programming Facility Version 2 Program Product (SPF-2) on IBM 3277 Model 2 terminals that do not have 12 program function keys. Prior to the availability of this FDP, SPF-2 required that the IBM 3277 terminal have 12 program function keys. Now, SPF-2 can be used on any IBM 3277 Model 2 Terminal, regardless of keyboard arrangement.

This FDP may be of value to those customers who desire to use SPF (or to enlarge their SPF user-community) but are unable to do so because of the lack of IEM 3277 Model 2 Terminals with 12 program function keys.
Flyer, 8 1/2 x 11 inches, 4 pages, 12/77
/////5798-CTF

SB21-2226

PROGRAM FUNCTION KEY SIMULATOR FOR SPF-II, FDP 5798-CTF, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2225 (5798-CTF).
Manual, 8 1/2 x 11 inches, 20 pages, 12/77
/////5798-CTF

GB21-2227

VSPC FULL SCREEN EDITOR, FDP 5798-CTG, AVAILABILITY NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in APL, provides the users of VSPC with a full screen editor capability for VSPC data files. Allows multiple line changes, FIND and CHANGE global commands, scrolling with PF keys, line repositioning via MOVE and COPY commands. Screen layout, syntax and use conventions are similar to those of SPF in the TSO environment.

Program is written in APL and requires the VS API program product (5748-API).
Flyer, 8 1/2 x 11 inches, 4 pages, 12/77
/////5798-CTG

SB21-2228

VSPC FULL SCREEN EDITOR, FDP 5798-CTG, DESCRIPTION/OPERATION

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2227 (5798-CTG).
Manual, 8 1/2 x 11 inches, 51 pages, 12/77
/////5798-CTG

LB21-2229

VSPC FULL SCREEN EDITOR, FDP 5798-CIG, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program, see abstract for GB21-2227 (5798-CTG).
Manual, 8 1/2 x 11 inches, 28 pages, 12/77

GB21-2230

IMS FAST SCAN UTILITY, FDP 5798-CTP, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, is a performance oriented program designed to retrieve segments from a DL/1 BD Database (BIDAM or BDAM) in hierarchic (GET NEXT) sequence and produce multiple output datasets for use by other IMS/VS Utilities or user programs. Each output dataset can contain a different complement of segments as indicated by a user specified PSB in conjunction with optional user exists. Three output formats are provided, or the users may elect to handle the output function themselves. The three provided formats and their function are:

1. BD REORG UNLOAD format which allows the FIP to run as a high speed unload step in the reorganization process.
 2. BSAM format which allows a set of segments to be rapidly extracted from a large database and then processed by a DL/I batch program.
 3. Variable Block format which allows a set of segments to be selected from a database and then processed by a batch program using QSAM instead of DL/I.
- Flyer 8 1/2 x 11 inches, 4 pages, 12/77
/////5798-CTP

SB21-2231

IMS/VS FAST SCAN UTILITY DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

This program which runs under CS/VS1 or CS/VS2, is a BIDAM or BDAM Dump/Restore Utility which writes a hierarchical tape for use under IMS/VS VI or a customer program.

Manual, 8 1/2 x 11 inches, 41 pages, 12/77
/////5798-CTP

GB21-2233

VTAM CONFIGURATION AND GENERATION AID, FDP 5798-CTL, NOTICE
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, is an installation aid allowing for simplification of the initial generation process for a CICS/DOS/VS, VTAM or ACF/VTAM, and NCP/VS or ACF/NCP/VS system. Based on user input of macro statements defining a VTAM configuration, the aid produces sample DOS/VS input job streams and tables tailored to the generation of that particular system. Creation of generation job streams for all or a subset of supported products is selectable. The output of this FDP can eliminate much of the time consuming work associated with the generation process. Additionally, via review and modification of the output, it can be useful in the planning and generation of more complex configurations than those directly supported.

Flyer, 8 1/2 x 11 inches, 6 pages, 12/77
/////5798-CTL

SB21-2234

VTAM CONFIGURATION AND GENERATION AID, FDP 5798-CTL, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-2233 (5798-CTL).
Manual, 8 1/2 x 11 inches, 35 pages, 12/77
/////5798-CTL

LB21-2235

VTAM CONFIGURATION AND GENERATION AID, FDP 5798-CTL, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program, see abstract for GB21-2233 (5798-CTL).
Manual, 8 1/2 x 11 inches, 41 pages, 12/77
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GB21-2246

VTAM PERFORMANCE ANALYSIS REPORTING SYSTEM (VTAMPARS), FDP 5798-CTW, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in ALC, is a performance analysis and tuning aid for OS/VS VTAM users. It is a tool for network management. It will assist an installation in determining an optimum buffer pool specification for its VTAM installation, and thus improve performance of the system. The VTAM Storage Management Services routines trace buffer utilization upon request by the user, and forward the information to Generalized Trace Facility (GTF) for writing out trace records. VTAMPARS uses the GTF SMS trace records as input. Upon analysis of the input data, VTAMPARS provides the user with reports, which offer a clear picture in identifying threshold exceeded conditions, excess buffer allocation, and buffer pool shortages.

Reports provided are:

1. Storage Pool Usage Summary report
2. Sequential Trace report
3. Max Used Mode report
4. Exception report

VTAMPARS executes under the System for Generalized Performance Analysis Reporting (GPARR), FDP 5798-CPR.
Flyer, 8 1/2 x 11 inches, 8 pages, 12/77
/////5798-CTW

SB21-2247

VTAM PERFORMANCE ANALYSIS REPORTING SYSTEM (VTAMPARS), FDP 5798-CTW, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2246 (5798-CTW).
Manual, 8 1/2 x 11 inches, 46 pages, 12/77
/////5798-CTW

GB21-2255

IMS/VS TIME INITIATED INPUT FACILITY, FDP 5798-CWF, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in ALC, provides the IMS/VS customer with the capability of programmed entry of IMS transactions, message switches, or operator commands based upon time of day or initial startup of IMS.

With this product installed, the customer may automatically start extra message regions during peak

periods, start and stop lines that span time zones at specified times, generate system statistics displays on a periodic basis, automatically shut the IMS system down each night, perform startup sequences after a restart (the restart command itself must still be operator entered).

The capability to dynamically update both the time intervals and the code and messages to be generated is provided for the 24 hour operation customer. The changes can be incorporated either automatically at a specified time or by operator intervention.

This product can significantly improve overall IMS operation by eliminating situations where operators fail to perform a function on a timely basis or perform the wrong function.

Flyer, 8 1/2 x 11 inches, 4 pages, 3/78
/////5798-CWF

SB21-2256

IMS/VS TIME INITIATED INPUT FACILITY, FDP 5798-CWF, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2255 (5798-CWF).
Manual, 8 1/2 x 11 inches, 59 pages, 3/78
/////5798-CWF

GB21-2278

IBM 3770 SUPERVISOR ASSEMBLER, FDP 5798-CWB, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, provides a symbolic language and associated assembler code for the 3770 Programmable terminal.

The FDP will decode and validate the input data, build a table of addresses, and generate text cards. Significant features of the assembler include:

- Symbolic addressing and definition of data areas.
- Assembly and symbolic linkage of multiple supervisor programs in a single pass.
- A cross-reference listing of source and object code.

For better control and error recovery, 3770 supervisor programming should be a major part of general application design on the 3770-P. This FDP provides a method, other than byte-by-byte machine level, for 3770-P supervisor programming.

Flyer, 8 1/2 x 11 inches, 4 pages, 5/78
/////5798-CWB

SB21-2279

IBM 3770 SUPERVISOR ASSEMBLER, FDP 5798-CWB, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2278 (5798-CWB).
Manual, 8 1/2 x 11 inches, 56 pages, 5/78
/////5798-CWB

GB21-2287

IBM 3800 FORMS UTILITY, FIELD DEVELOPED PROGRAM 5798-CWW, AVAILABILITY NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in PL/I, eases and speeds the process of designing and implementing new or converting existing reports and formatted listings from an impact printer to the IBM 3800 Printing Subsystem. The user is given flexibility in specifying the kind of formatting operations desired through use of control statements to describe an input file and direct the formatting for the output file.

Once the desired format has been achieved, the IBM 3800 Forms Utility provides a significant assist to the user by generating source code which is suitable for inclusion in a system assembler, ANS COBOL, or PL/I Optimizer program. Instructions or statements generated provide procedural code which may be used to achieve results similar to those provided when using the formatting program itself.
Flyer, 8 1/2 x 11 inches, 8 pages, 7/78
/////5798-CWW

SB21-2288

IBM 3800 FORMS UTILITY, FDP 5798-CWW, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2287.
Manual, 8 1/2 x 11 inches, 91 pages, 7/78
/////5798-CWW

GB21-2326

SNA/RJE PRINT OUTPUT ANALYSIS, FDP 5798-CXH, NOTICE
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in ALC, will analyze print reports to be transmitted with SNA/RJE systems, determine the most efficient compaction character set to be used with SNA compaction, and project the reduction in character transmission compared to BSC compression.

Flyer, 8 1/2 x 11 inches, 8 pages, 7/78
/////5798-CXH

/////5798-CXT

GB21-2344

S/370 APPLICATION-WIDE COECL DATA-NAMES CRCSS REFERENCE

FDP 5798-CYG (DOS/VS), 5798-CXW (OS/VS), NOTICE
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it. This FDP is written in COBOL.

Flyer, 8 1/2 x 11 inches, 4 pages, 12/78
/////5798-CXW,5798-CYG

SB21-2327

SNA/RJE PRINT OUTPUT ANALYSIS, FDP 5798-CXH, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2326 (5798-CXH).

Manual, 8 1/2 x 11 inches, 57 pages, 7/78
/////5798-CXH

SE21-2345

S/370 APPLICATION-WIDE COBOL DATA-NAMES CRCSS REFERENCE, FDP 5798-CSX, PROGRAM DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2344 (5798-CYG/CXW).

Manual, 8 1/2 x 11 inches, 52 pages, 12/78
/////5798-CXW

SB21-2331

FULL SCREEN EDITOR FOR FDP 5798-CLR ETSS/II TERMINAL USER GUIDE

No abstract available.
Manual, 109 pages, 8/78
/////5798-CLR

GB21-2347

BDAM SEQUENTIAL RANDCMIZER GENERATOR EXTENSIONS, FDP 5798-CXN, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, generates a randomizer which has the capability of placing keys of an IMS/VS BDAM data base into collating sequence. It is an extension to IMS/VS Sequential Randomizer Generator FDP 5798-CQG, which is a prerequisite. The enhancements allow the generation of randomizers that utilize less memory due to the implementation of advanced compression techniques. Improved handling of large irregular key sets, key analysis routines and zone sequential randomizer generation are provided.

Flyer, 4 pages, 11/78
/////5798-CXN

GB21-2338

POWER/VS IBM 3777-2 WORKSTATION PROGRAM, FDP 5798-CXR, AVAILABILITY NOTICE

This FDP, written in Assembler, provides the necessary programming support to allow the IBM 3777 Communication Terminal - Model 2 to function in a DOS/VS POWER/VS Remote Job Entry environment. The IBM 3777-2 is supported as the IBM 3780 Communication Terminal and requires no modification to POWER/VS. All I/O features of the IEM 3777-2 are supported including card transmission, diskette transmission (80 byte records or less), printed output, and punched card output. When the Console Display feature is installed, all POWER/VS messages appear on the display instead of the printer. POWER/VS Remote Operator Commands may be entered from the keyboard without the Remote Operator Command identifier (* ..).

This FDP is generated on the DOS/VS host system.
Flyer, 8 1/2 x 11 inches, 4 pages, 9/78
/////

GB21-2347

BDAM SEQUENTIAL RANDCMIZER GENERATOR EXTENSIONS, FDP 5798-CXN, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, generates a randomizer which has the capability of placing keys of an IMS/VS BDAM data base into collating sequence. It is an extension to IMS/VS Sequential Randomizer Generator FDP 5798-CQG, which is a prerequisite. The enhancements allow the generation of randomizers that utilize less memory due to the implementation of advanced compression techniques. Improved handling of large irregular key sets, key analysis routines and zone sequential randomizer generation are provided.

Flyer, 4 pages, 11/78
/////5798-CXN

SB21-2348

BDAM SEQUENTIAL RANDCMIZER GENERATOR EXTENSIONS, 5798-CXN, PROGRAM DESCRIPTION/OPERATIONS MANUAL

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program. For information about this program, see abstract for GB21-2347 (5798-CXN).

Manual, 8 1/2 x 11 inches, 281 pages, 11/78
/////5798-CXN

SB21-2339

POWER/VS 3777-2 WORKSTATION, FDP 5798-CXR DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-2338 (5798-CXR).

Manual, 8 1/2 x 11, 22 pages, 9/78
/////5798-CXR

GE21-2350

OS/VS DATA SET EDITOR, FDP 5798-CXQ, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in ALC, is a productivity aid designed to help reduce the time and effort required for modifying data sets, or members, that result from hardware and/or software changes.

The program provides the user with editing capability for sequential data sets and libraries. It can process the library as a single entity or by selecting members.

Highlights:

- The ability to globally change cylinder allocations for non-specific volumes or via a volume list for specific volumes
- The ability to process all or selected parts of a library via easy-to-use keyword selection.
- Updates done online or a job stream can be built to run later.
- Automatic expansion of data as required (continuation records may also be generated under user control).
- Maintains alias names for members.
- Test option allows the user to review the changes before updating the library.
- AND OR and NOT logic provided for both FIND and CHANGE processing.
- Automatic library compression as required under user control.
- User controlled report capability.

Flyer, 4 pages, 11/78
/////5798-CXQ

GB21-2341

IMS FAST REORGANIZATION RELOAD, FDP 5798-CXT

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, is designed to rapidly reload an IMS/VS database. It uses as input the unloaded dataset produced by either the IMS Fast Scan Utility 5798-CTP or the IMS ED Reorganization Unload Utility (5740-XX2). It produces a database that is IMS/VS Version 1 compatible, but does not utilize IMS/VS facilities. The program operates as a non-DL/I batch job under OS/VS.

This product is designed to reduce the time required to reorganize HD-type databases. It also generates dataset, segment, and segment pointer statistics that may be valuable database tuning aid. While this FDP is particularly applicable to large database users, it offers performance improvements to most IMS/VS DL/I users. Faster reorganization should allow more frequent database reorganization thus enhancing the performance of jobs accessing the database. Faster reorganization also means the database is unavailable to the online IMS Control Region for a shorter period of time.

Flyer, 8 1/2 x 11 inches, 4 pages, 12/78
/////5798-CXT

SE21-2351

OS/VS DATA SET EDITOR, FDP 5798-CXQ, PROGRAM DESCRIPTION/OPERATIONS MANUAL

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2350 (5798-CXQ).

Manual, 8 1/2 x 11 inches, 91 pages, 11/78
/////5798-CXQ

SB21-2342

IMS FAST REORGANIZATION RELOAD, FDP 5798-CXT, PROGRAM DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2341.

Manual, 8 1/2 x 11 inches, 31 pages, 12/78

GB21-2355

PRINT LOAD ANALYZER, PDP 5798-CXY, AVAILABILITY NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This PDP, written in COBOL, is designed to allow users to create an accurate picture of their printing environment. It totals the print volumes by job name, system, job origin, printer or form. This PDP can be used as an audit tool to measure forms usage and is useful in the following circumstances:

- User is evaluating IBM 3800 Subsystem
- User is evaluating remote printing requirements
- Multiple local and/or remote printers in use
- Multiple System environment
- User needs to control and track forms use by CPU, Remote ID, and/or Job ID.

Flyer, 8 1/2 x 11 inches, 4 pages, 10/78
 ////5798-CXY

SB21-2356

PRINT LOAD ANALYZER, PDP 5798-CXY, PROGRAMDESCRIPTION/OPERATIONS MANUAL

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2355.

Manual, 8 1/2 x 11 inches, 32 pages, 10/78
 ////5798-CXY

GB21-2361

VM/CMS LIBRARY MAINTENANCE AND SPMOL-II SIMULATOR, PDP 5798-CYA, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This PDP, written in ALC and CMS Exec., is composed of two major functions, either of which may be implemented independently of the other. The LIBRARY MAINTENANCE FUNCTION controls a central library which is kept in compressed format and is protected against multiple updates. Programs are never directly updated unless a new Version or Mod is created. Original sequence numbers will be maintained and all changes are applied temporarily when a program is compiled. This gives the user a good audit trail and an easy method of backing out changes. The second function is a simulator of most of the SPMOL edit commands which allows the programmer to use program sequence numbers or relative line numbers within a screen to make changes. This PDP should ease the transition for users moving from SPMOL-II to VM/CMS.

This PDP runs under VM/CMS and requires the DISPLAY EDITING SYSTEM FOR CMS IUP (5796-PJP).
 Flyer, 8 1/2 x 11 inches, 4 pages, 12/78
 ////5798-CYA

SB21-2362

VM/CMS LIBRARY MAINTENANCE AND SPMOL-II SIMULATOR, PDP 5798-CYA, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

This PDP, written in ALC and CMS Exec., is composed of two major functions, either of which may be implemented independently of the other. The LIBRARY MAINTENANCE FUNCTION controls a central library which is kept in compressed format and is protected against multiple updates. Programs are never directly updated unless a new Version or Mod is created. Original sequence numbers will be maintained and all changes are applied temporarily when a program is compiled. This gives the user a good audit trail and an easy method of backing out changes. The second function is a simulator of most of the SPMOL edit commands which allows the programmer to use program sequence numbers or relative line numbers within a screen to make changes. This PDP should ease the transition for users moving from SPMOL-II to VM/CMS.

This PDP runs under VM/CMS and requires the DISPLAY EDITING SYSTEM FOR CMS IUP (5796-PJP).
 Manual, 8 1/2 x 11 inches, 35 pages, 12/78
 ////5798-CYA

GB21-2370

RACF PRODUCTIVITY AID, PDP 5798-CYF, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This PDP, written in ALC (Macro), is a step-by-step guide to converting an organization to the full use of RACF with minimum disruption to the existing users of the system.

Most of the programs available with this aid are written in the form of macros to help in the generating of routines that will run as standard exits to RACF. The options provide the following function:

- Automating the user definition process based on existing job accounting data in batch job cards.

- Creating automatic by-pass capability in the case of RACF removal with system wide protection for key data sets.
- Allowing for a grace period for logging of violations without causing job execution failure.
- Allowing for the definition of special installation defined relationships between user names, group names and resource names.
- Performance improvements through installation defined 'fast path' authorization capability.
- Creation of a different mechanism for validating batch user IDs, which will keep the password private and exclusively used for online access. This new mechanism is more suitable for batch environments because the passkey that is used can be designed for one-time access.
- Creation of a testing environment for logging activity to GTF and bypassing all but user defined test jobs to validate that exit functions are operating correctly.
- Allowing for "alias" and "generic" naming of data sets to RACF to handle naming conventions not conforming to RACF requirements, and CDG data sets.
- Make options capable of on-line enabling and disabling where appropriate with the 'setopts' command.

Flyer, 8 1/2 x 11 inches, 4/79
 ////5798-CYF

SB21-2371

RACF PRODUCTIVITY AID, PDP 5798-CYF, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For further information about this program, see abstract for GB21-2370.

Manual, 8 1/2 x 11 inches, 145 pages, 4/79
 ////5798-CYF

GB21-2373

TSO/JES2 BATCH DISPLAY FACILITY, PDP 5798-CYE, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This PDP, written in Assembler will allow TSO users on an MVS/JES2 System to receive enhanced status information about batch jobs in the JES2 System. This information, which a TSO user can receive at a terminal, will be equivalent to the following JES2 commands:
 \$DA, JCMS; TSD; \$DQ; \$DM, Q=XRQA (where a=A,,,Z,\$,d);
 \$DP; \$DJ; \$D'.

In addition, if a TSO user has OPERATOR authorization, any JES2 command may be entered via the TSC terminal.
 Flyer, 8 1/2 x 11 inches, 4 pages, 12/78
 ////5798-CYE

SB21-2378

S/370 APPLICATION-WIDE COBOL DATA-NAMES CROSS REFERENCE, PDP 5798-CYG, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

The S/370 Application-Wide COBOL Data-Names Cross Reference PDP is a programmer aid for debugging, changing, maintaining, or converting a multi-program COBOL application. The report produced gives a single cross-reference report for multiple programs and displays the program and source statement for each occurrence of each data name. It helps the programmer identify names that are currently in use, identify the attributes of any name, and locate all occurrences of any name in the application.

This PDP will accept both IBM and non-IBM source COBOL. It optionally will cross-reference COBOL reserved words, making it a valuable tool in program conversion by identifying all uses of each non-standard word. PDP 5798-CYG operates under DOS/VSE. PDP 5798-CXW operates under OS/VSE.

Manual, 8 1/2 x 11 inches, 49 pages, 12/78
 ////5798-CYG

GB21-2380

DL/I FAST SCAN UTILITY DCS/VSE, PDP 5798-CYJ, NOTICE

No abstract available.

Flyer, 4 pages
 ////5798-CYJ

SB21-2381

DL/I FAST SCAN UTILITY DCS/VSE, PDP 5798-CYJ, DESCRIPTION/OPERATIONS

This manual describes the capabilities of the system and the programs. Discussion of design assumption and potential modification areas are included. Record and file layouts are described and primary processing procedures specified.

This manual is both a system description and an installation and operations reference document.

Manual, 8 1/2 x 11 inches, 43 pages, 1/79
 ////5798-CYJ

GB21-2396

ISAM -- DL/I BRIDGE, FDP 5798-CYT, NOTICE
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, is an execution time interface between DL/I and an ISAM application program. Data in a DL/I data base may be accessed by DL/I or ISAM programs. No modification to source programs, recompilation or relink editing will be required. Application programs will run under the Bridge program and all languages which support ISAM or DL/I are supported, as the "bridging" is done at execution time. Hierarchical data bases are supported. Field sizes in both the ISAM file image and the DL/I data base must be identical.
Flyer, 8 1/2 x 11 inches, 6 pages, 12/78
/////5798-CYT

SB21-2397

ISAM -- DL/I BRIDGE, FDP 5798-CYT, PROGRAM DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2396 (5798 - CYT).
Manual, 8 1/2 x 11 inches, 74 pages, 12/78
/////5798-CYT

SB21-2412

ETSS-II BATCH LIBRARY INTERFACE TO POWER/VS, FDP 5798-CYZ, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For further information, see abstract for GB21-2411 (5798-CYZ).
Manual, 8 1/2 x 11 inches, 36 pages, 12/78
/////5798-CYZ

GB21-2420

SYSTEM/370 ANS COBOL CONVERSION AID FOR NCR NEAT/3, FDP 5789-CZC, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in COBOL, is designed to aid in the conversion of NCR NEAT/3 source programs into S/370 ANS COBOL programs. In addition, the program converts selected file specifications and input/output statements to VSAM processing. This FDP is based on the S/3 COBOL Conversion Aid for NCR NEAT/3 (5798-AYA).
Flyer, 8 1/2 x 11 inches, 4 pages, 12/78
/////5798-CZC

SB21-2421

SYSTEM/370 ANS COBOL CONVERSION AID FOR NCR NEAT/3, FDP 5798-CZC, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For further information, see abstract for GB21-2420 (5798-CZC).
Manual, 8 1/2 x 11 inches, 74 pages, 12/78
/////5798-CZC

GB21-2429

CHARACTER EXTENSIONS FOR THE IBM 3800, FDP 5798-CZG, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, provides the scan patterns for new text printing characters for the IBM 3800 Printing Subsystem in the form of IEBIMAGE Utility data statements. Any group of characters can be installed in the user's system by processing the data statements from that group, using standard JCL, with IEBIMAGE. IEBIMAGE then stores them in SYS1.IMAGELIB as Graphic Character Modification modules. The user can build, modify, and name Character Arrangement Tables with IEBIMAGE to include the graphic character modification and thus make them accessible for printing.
Flyer, 8 1/2 x 11 inches, 4 pages, 12/78
/////5798-CZG

SB21-2430

CHARACTER EXTENSIONS FOR THE IBM 3800, FDP 5798-CZG, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For further information, see abstract for GB21-2429 (5798-CZG).
Manual, 8 1/2 x 11 inches, 13 pages, 12/78
/////5798-CZG

SB21-2455

CICS SOURCE PROGRAM MAINTENANCE ONLINE II, 5798-CFT, PROGRAM DESCRIPTION/OPERATIONS MANUAL

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 8 1/2 x 11 inches, 79 pages, 12/78
/////5798-CFT

SB21-2460

DOS/VS DASD DEVICE INDEPENDENCE OPEN (DI-OPEN) FIP 5798-AWH, PROGRAM DESCRIPTION/OPERATIONS MANUAL

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For further information about this program refer to abstract for GE21-1002.
Manual, 8 1/2 x 11 inches, 27 pages, 1/79
/////5798-AWH

LB21-2461

DOS/VS DASD DEVICE INDEPENDENCE (DI-OPEN), FIP 5798-AWH, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For further information about this program, refer to abstract for GE21-1002.
Manual, 8 1/2 x 11 inches, 36 pages, 1/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GE21-9862

HOST REMOTE NCDE ENTRY SYSTEM GENERAL INFORMATION MANUAL, IUP 5796-PJY

This manual supplies general information on the Host Remote Node Entry System, Installed User Program (5796-PJY), provides the capability of making a VS1 system a remote job entry station to any OS/VS2 MVS/JES2 or SVS/BASP system or another OS/VS1 system. (In an OS/VS1 to OS/VS1 configuration, HRNES could be installed on both CPUs, but is not required. This program, running in a VS1 partition, will do the following; automatically sign on to MVS/JES2 or SVS/BASP, SCAN the specified VS1 input queues and send all jobs found there to MVS/JES2 or SVS/BASP for execution, receive all output from MVS/JES2 or SVS/BASP and will disperse it to the originator at either a local printer/punch or to an RJE printer/punch, provide all MVS/JES2 or SVS/BASP RJE commands to the VS1 operator, provide commands to the VS1 operator, allow sign-off from the VS1 console.

Manual, 8 1/2 x 11 inches, 32 pages, 1/78
/////5796-PJY

GE21-9866

COMPUTER BASED TRAINING AND INSTRUCTION COURSEWARE SUMMARY PROG PROD 5734-XXC, 5736-E11, 5734-E13, 5748-XX6

This document summarizes the courses of Computer Based Instruction, a technique that combines computer technology with self-study principles. Through the use of a terminal, the student and instructor have easy access to computer managed drill, simulation, and tutorial materials. This method can meet special and general needs: a wide range of curricula for the educational institutions, orientation training for new hires, sales courses for marketing training, new procedures for office personnel, instruction in administrative and personnel skills for supervisors and managers. It can also be used to help develop the skills of programmers, systems designers, and computer programmers.
Manual, 8 1/2 x 11 inches, 8 pages, 7/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

GE21-9872

IMS PRODUCTIVITY AIDS

The IMS productivity aids are a series of programs which aid in the design, programming, installation and evaluation of IMS systems and applications. This reference card contains a brief description of each aid and a bibliography of reference material. Contact your IBM representative for further Productivity Aid information.
Reference Card, fanfold, 8 1/2 x 3 3/4 inches, 10 panels, 11/76
/////5734-XX6

GB21-9893

VM/SGP STATISTICS GENERATING PACKAGE, REPCRT BROCHURE - IUP 5796-PDD

This manual provides some sample reports produced using VM/SGP. These reports will serve to indicate the types of detail which may be presented in report form by using this IUP. The use of the VM/SGP "language" is also shown for each report illustrated.
Manual
/////5796-PDD

GB21-9903

INTERACTIVE QUERY AND REPCRT PROCESSOR (IQRP) - IUP 5796-PDG, GENERAL INFORMATION

This Document contains general information on IQRP which consists of nine on-line programs, of which three contain

several modules, together with five additional modules which provide an efficient interface with CICS/VS. The entire system is highly modularized to permit ease of maintenance and provide for efficient operation in Virtual Storage. In addition to the on-line programs, IQRP includes a set of utility programs to prepare the system for operation, provide a journal, gather statistics on system use, etc.

In the operation of IQRP, the user at a terminal interacts with the system by entering his identification and the report name and, optionally, the selection criteria and report format and contents. This interaction is thereupon interpreted by IQRP, and passed to one of several IQRP query processors.

System files are used to determine whether a user has the proper security clearance to access the information he has requested, as well as to translate any special terms the user has included in his interaction. Data names supplied by the user are likewise translated into field names recognized by the access methods and any further information regarding structure required to permit access to the data is also provided from the system files. The system files also supply information on predefined report formats and any modifications to the standard format which this user may have predefined.

Using the information regarding the physical nature of the data, the IQRP processor proceeds to search the appropriate data file for the information required on the basis of the criteria provided by the terminal user. IQRP manipulates the data, performing any sorting, totalling, or arithmetic operations required. The information is then formatted into the appropriate two-dimensional report structure and output is sent to the terminal or system printer. Should the IQRP interpreter detect a user request that is incomplete or incorrect, IQRP will return a message to the terminal indicating the nature of the problem. The user should then reinsert the corrected request.

Manual, 18 pages
 ////5796-PDG

GB21-9949

KEYWORD INDEX AND PROGRAM INFORMATION BROCHURE

This brochure replaces the previous edition of the Keyword Index and Program Information Brochure (GB21-9949-12). It now contains three sections: Section one is a Keyword Index to SCPs, PDPs, IUPs, PPs and PRPQs. Section two presents these programs by cluster categories. Section three contains a complete list of these programs in Program Information Department (PID) number sequence. Instructions for using the brochure are featured in the introduction of the brochure.

Brochure, 3 1/2 x 8 1/2 inches, 384 pages
 370//20///

GCB4-5104

OS/VS1 MASTER INDEX OF SL PUBLICATIONS (MICROFICHE EDITION)

This microfiche is equivalent to GC24-5104-1.

Microfiche (5/75)

SLSS - ORDER NO. SUBSCRIPTION ONLY

LCB6-3772

IBM SYSTEM/360 OS ASSEMBLER B - PROGRAM NUMBER 5734-AS1

The IBM System/360 Operating System Assembler B 5734-AS1 is an assembler language processor that extends the basic assembler language and the macro and conditional-assembly language. It is designed to perform high-speed assemblies on IBM System/360, Models 40 and larger, that have at least 256K bytes of main storage.

Microfiche, 84 cards

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SC09-0007

VANDL-1 PRPQ DESCRIPTION AND OPERATION MANUAL (VANCOUVER DATA LANGUAGE ONE) - PROGRAM NUMBER 5799-AEY

This manual provides a general introduction to VANDL-1 which consists of processing modules designed to facilitate the implementation of small to medium-data bases under DOS.

DP Manual, 228 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

GC19-0004

IBM SYSTEM/370 INSTALLATION MANUAL - PHYSICAL PLANNING WORLD TRADE

Contains information necessary for planning the physical installation of the IBM System/370 in World Trade countries. It includes floor planning information, as well as electrical, environmental, and structural requirements. Detailed cable charts are provided.

GBOP-4114 may be used to order this publication (GC19-0004) and its corequisite publication, IBM Input/Output Equipment Installation Manual-Physical Planning, for System/360 and System/370 (GC22-7064).

8 1/2 x 11 inches, 200 pages, 12/77
 370//15////WT-ONLY

SC19-5016

3704/3705 DOS/VS AND OS/VS COMPATIBILITY AND EXTENDED COMPATIBILITY, PRPQ Y96613 LIC PROG 5799-AQY (DOS/VS), PRPQ Y96614 LIC PROG 5799-AQR (OS/VS), DESCRIPTION/OPERATIONS

This document describes the 3704/3705 PSBRPQ's compatibility with both the Emulation Program (EP) and the Network Control Program (NCP). This PRPQ modifies the EP and/or NCP in order

to provide the programming hooks for the functional PSBRPQs. Both basic and extended compatibility are covered in this document. The extended compatibility programs supported are 5799-ARJ VIM0 and 5799-ATE VIM0.

Manual, 8 1/2 x 11 inches, 34 pages 11/78

////5799-AQY, 5799-AQR/WT-ONLY

GC19-5021

WORLD TRADE ADDENDUM TO 3350/3344 INSTALLATION AND CONVERSION GUIDE (GC20-1780)

This guide describes the requirements and procedures to accomplish a successful installation of 3350 and 3344 Direct Access Storage Devices. It covers such aspects as features, compatibility modes, addressing, and hardware and programming considerations.

Special emphasis is given to the procedures for converting from different types of DASD, and several examples are explained in detail. In the same way, the checklist included in the guide will assist in the implementation of a good conversion plan.

A bibliography related to the 3350/3340 EASE is also included, as well as space utilization tables.

Manual, 100 pages, 5/76

//07//3350,3344//WT-CMIY

SC19-5032

IBM 2970-5 BANKING TERMINAL SUPPORT UNDER CONTROL OF 3704/5 NCP, PRPQ X97561 DESCRIPTION/OPERATION - PRG PROD 5799-ARC

This manual contains changes to the current version of the Network Control Program Version 4, Modification Level 1, required for the support of the IBM 2970 Model 5 Banking Terminal Start-Stop Devices.

It is intended for analysts and programmers responsible for the generation and the maintenance of the Network Control Program (NCP), and for IBM System Engineers and Field Engineers.

Manual, 8 1/2 x 11 inches, 38 pages, 3/78

////5799-ARC/WT-ONLY

GC19-5042

IBM 5930 SUPPORT UNDER CICS/DOS/VS (CUSTOMER INFORMATION CONTROL SYSTEM DOS/VS) PRPQ DESCRIPTION/OPERATIONS, PRPQ Y96303, PRG 5799-AJP

This PRPQ applies to the DOS/VS version of the IBM Program Product CICS (Customer Information Control System) and extends CICS terminal support to the IBM 5930 terminal system. The IBM 5930 can be used for most CICS on-line terminal applications in cash receipting, banking, inquiry and data collection areas.

This manual is written for persons interested in designing and programming application system using the IBM 5930 terminal under DOS/CICS/VS. It should be read in conjunction with the CICS/VS and IBM 5930 SRL Manuals.

Manual, 8 1/2 x 11 inches, 20 pgs, 12/76

////5799-AJP/WT-ONLY

GC20-0360

IBM SYSTEM/360 BIBLIOGRAPHY

For use by all who plan for, install, program or operate an IBM System/360 Model 22 and above, this bibliography describes technical publications in support of the following:

- System/360 machine components
- Type I programming support
- DB/DC and all other licensed programs operable under Type I support on System/360
- Type II and Type III programs
- Other supplementary information (forms, PTF listings, etc.)

Features and types of information included, are:

- Titles and abstracts, with page counts
- Current status of all publications listed, with TNIS; description of TNL system
- Editions and TNIS applying to each supported release of OS/MPT and OS/MVT
- Clustering of manuals by subject; fine-sorting by title
- Explanation of file numbers and subject-code system
- Subject-code indexes (both numeric and alphabetic)
- Graphic charts for machines and major operating systems
- Convenient list of all publications in order-number sequence, with subject codes
- Specific page lookup of titles by program acronyms
- Order numbers; and details on order-numbering system
- Publication profiles used for distribution items under SLSS

Explanation of SLSS profiles

This bibliography is regularly updated to provide the latest information pertaining to the System/360 library. For System/370 publications, refer to GC20-0001 and GC20-0370. System/360 Model 20 publications are in GA26-3565. Bibliography, 380 pages, 7/75
 360,3195/////

GC20-0370

IBM SYSTEM/370 BIBLIOGRAPHY OF INDUSTRY SYSTEMS AND APPLICATION PROGRAMS

This bibliography describes technical publications needed by those who plan for, install, program, or operate System/370 industry systems and licensed application programs.

Industry (sub)systems covered are the IBM 3600 Finance Communication System, the IBM 3650 Retail Store System and all others, including the IBM 3790 Communication System. Licensed programs included are all completed applications running under System/370 programming (or under Type I programming if for System/370 only). Completed applications are those for specific industries such as finance, insurance, or manufacturing and those applicable to many industries.

Features, and the kinds of information included, are:
Titles and abstracts, with page counts;
Clustering and sequencing of items by title within subject;

Second listing of all publications in order-number sequence, with subject codes; codes explained and indexed;

Specific page lookup by program acronym;
Current status of the publications listed, with TNLS;
SLSS publication profiles used for distributing items; explanation of these profiles.

This bibliography is regularly updated to provide the latest information pertaining to industry systems and application programs. For System/370 machine components, support programming, selectable units, DB/DC and supplementary information, refer to the IBM System/370 Bibliography, GC20-0001.

Bibliography, 264 pages, 7/78
370//000///

GC20-1618

NUMBER SYSTEMS - STUDENT TEXT

This IBM student text on number systems presents a brief review of the principles of positional notation, as applied to the binary and hexadecimal systems of notation. The publication covers the operations of binary and hexadecimal arithmetic, decimal-binary - hexadecimal base conversion, and the principles of base and base-minus-one complementation.

Student Text, 32 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

GC20-1637

A GUIDE TO PL/I FOR FORTRAN USERS: STUDENT TEXT

This manual is an introductory guide to PL/I written especially for those who have a working knowledge of FORTRAN II or IV. No particular machine implementation of FORTRAN or PL/I has been assumed. Part 1 gives a broad survey of PL/I. A sample program illustrating some of the principle features of the language is explained step by step.

Part 2 gives sufficient detail for the user to be able to write a straightforward program for himself. It is not a rigorous exposition. Examples have been used to clarify the text. The terminology used is intended to be that which is familiar to a FORTRAN user.

Part 3 describes concepts not familiar to FORTRAN users, although some of them are familiar to those who know COBOL or ALGOL. Where references to COBOL or ALGOL will help readers who know these languages, the reference is made, but the explanation is also given in full for those who do not.

This guide does not attempt to cover all the features of the language. Many facilities have not been mentioned at all, and some of the statements and features have not been explained in full detail.

Student Text, 38 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

GC20-1646

A PROGRAMMER'S INTRODUCTION TO IBM SYSTEM/360 ASSEMBLER LANGUAGE: STUDENT TEXT

This student text is an introduction to System/360 Assembler Language coding. It provides many examples of short programs shown in assembled form. Some elementary programming techniques and the specific instructions illustrated in the programs are discussed in simple, relatively nontechnical terms. Much of the text is based on information in IBM SYSTEM/360 PRINCIPLES OF OPERATION (GA22-6821). This includes a brief review of relevant System/360 concepts and descriptions of selected assembler language instructions for arithmetic, logical, and branching operations. Standard (fixed-point), decimal, and floating-point arithmetic are discussed. The book also includes an elementary introduction to assembler language and the assembler program, and chapter on base register addressing and on program linkages and relocation. The coding of many other common programming techniques, such as the use of branches, loops, and counters, is shown. The use of macro instructions is demonstrated, but not covered in detail. Program flowcharting and input/output operations are beyond the scope of the book.

The publication is a sampler rather than a comprehensive textbook. It is intended for supplementary reading for the student in a regular course of study on System/360 assembler language coding, and for the novice programmer. In general, the reader will find that the program examples are quite simple at the beginning of each chapter, or major subject division, and become progressively more complex. If the going seems difficult, it is suggested that he simply skip to the next subject and come back later.

The student should have access to two IBM System/360 System Reference Library (SRL) manuals for reference purposes: the PRINCIPLES OF OPERATION and the assembler specification manual for one of the System/360 operating systems. (All publications and their form numbers are

listed at the end of the Preface.) He should also be familiar with fundamental concepts of data processing and the basic operating principles of System/360. Two IBM programmed instruction (P.I.) courses, or their equivalent, are prerequisite to a full understanding of this student text: COMPUTING SYSTEM FUNDAMENTALS and INTRODUCTION TO SYSTEM/360. The student who is not enrolled in a comprehensive programming course will find the P.I. book FUNDAMENTALS OF PROGRAMMING a valuable guide to problem analysis and program flowcharting.
Student Text, 160 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GC20-1649

INTRODUCTION TO IBM DIRECT-ACCESS STORAGE DEVICES AND ORGANIZATION METHODS: STUDENT TEXT

This text discusses the physical characteristics and capacities of the following Direct Access Storage Devices available for System/360 Models 25, 30, 44, 50, 65, 67, 75, and 85:

2301 Drum Storage
2302 Disk Storage
2303 Drum Storage
2311 Disk Storage Drive
2314 Direct Access Storage Facility
2321 Data Cell Drive

The file organization methods and access methods provided for these devices by the IBM System/360 Operating System, the IBM System/360 Disk Operating System and the IBM System/360 Basic Operating System are also discussed. The uses of direct access storage, basic terminology, and the establishment of controls for a direct access system are other topics addressed by this text. Most of the chapters end with student exercises, answers to which may be found at the end of the manual.

No attempt at completeness is made. Refer to the publications listed in the Bibliography for additional details.

Student Text, 120 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

GC20-1651

A GUIDE TO PL/I FOR COMMERCIAL PROGRAMMERS (STUDENT TEXT)

PL/I is a multipurpose, high-level programming language that enables the programmer not only of commercial and scientific applications but also of real-time and systems applications. It also permits a programmer to use the full power of his computer in an efficient manner and to program applications in a relatively machine-independent fashion.

This publication presents those features of PL/I that apply to commercial data processing. It does not restrict itself to a particular aspect of commercial data processing but attempts to discuss all features of PL/I that may be used in the full spectrum of commercial applications.

Student Text, 70 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

GC20-1663

OS (S OS/VS) DEVELOPMENT SUPPORT LIBRARIES: INSTALLATION MANAGEMENT TEXT

The purpose of this document is to illustrate how job control statements, cataloged procedures, and OS utilities can be used to create, use, and maintain a machine-readable program development support library system on direct access storage. The examples in the Text are based on OS/MVT Release 21.6 and OS/VS2 Release 1.

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

GC20-1684

INTRODUCTION TO IBM DATA PROCESSING SYSTEMS: STUDENT TEXT

This manual presents concepts and principals essential to a basic knowledge of computers. It is designed for use in training programs that serve as prerequisites for a detailed study of an IBM system. Covered in general terms are topics such as Data Representation, Storage Devices, CPU Functions, I/O Devices, Stored Program Principles, Programming Systems, Operating Systems, Conversion, and Procedural Controls. Reference to specific Systems is made to illustrate general principles.

Manual, 112 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

GC20-1686

OCR INPUT PREPARATION GUIDE FOR THE IBM 1287/1288 OPTICAL CHARACTER READERS

This manual is a guide to achieving acceptable input quality for IBM's 1287 and 1288. The topics stressed include sample document designs from several application areas, human factors considerations, document design specifications and procedures, a discussion of important considerations for each type of OCR input device, and a description of some OCR support services available to IBM customers.

DP Techniques Manual, 86 pages

//04//1287,1288/

GC20-1699

DATA PROCESSING GLOSSARY

This glossary contains over 2,000 definitions of terms in the data processing field. It contains definitions from:

1. The American National Standard Vocabulary for Information Processing, published by the American National Standards Institute, Inc. (ANSI).
2. The proposed American National Standard Vocabulary.
3. The IBM Data Communications Glossary (GC20-1666).
4. The IBM Glossary of Information Processing. Manual, 136 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GC20-1729
A GUIDE TO THE IBM SYSTEM/370 MODEL 155
This guide presents hardware, programming systems, and other pertinent information about the IBM System/370 Model 155 that describes its significant new features and advantages. Features of a Model 155 II are indicated also. The contents are intended to acquaint the reader with the Model 155 and to be of benefit in planning for its installation. Manual, 192 pages
3155//01///
- GC20-1730
A GUIDE TO THE IBM SYSTEM/370 MODEL 165
This guide presents hardware, programming systems, and other pertinent information about the IBM System/370 Model 165 that describes its significant new features and advantages. Features of a Model 165 II are indicated also. The contents are intended to acquaint the reader with the Model 165 and to be of benefit in planning for its installation. Manual, 160 pages
3165//01///
- GC20-1733
IBM 1287/1288 OCR ERROR RECOVERY GUIDE
Discusses tools, techniques, and methods of importance for error recovery when planning, programming, and installing the IBM 1287 and IBM 1288 Optical Character Readers. Data Processing Technique Manual, 28 pages
//04//1287,1288/
- GC20-1734
A GUIDE TO THE IBM SYSTEM/370 MODEL 145
This guide presents hardware, programming systems, and other pertinent information about the IBM System/370 Model 145 that describes its significant new features and advantages. The contents are intended to acquaint the reader with the Model 145 and to be of benefit in planning for its installation.
Associated with this guide are four optional supplements that describe operating systems for the Model 145 that support a virtual storage environment. Each supplement has its own form number and must be ordered individually, if required. Optional supplements are the following:
o DOS/Virtual Storage Features Supplement (GC20-1756)
o OS/Virtual Storage 1 Features Supplement (GC20-1752)
o OS/Virtual Storage 2 Single Virtual Storage (SVS) Feature Supplement (GC20-1753)
o Virtual Machine Storage 2 Features Supplement (GC20-1757)
Manual, 264 pages
3145//01///
- GC20-1738
A GUIDE TO THE IBM SYSTEM/370 MODEL 135
This guide presents hardware, programming systems, and other pertinent information about the IBM System/370 Model 135 that describes its significant new features and advantages. The contents are intended to acquaint the reader with the Model 135 and to be of benefit in planning for its installation.
Associated with this guide are three optional supplements that describe operating systems for the Model 135 that supports a virtual storage environment. Each supplement has its own form number and must be ordered individually, if required. Optional supplements are the following:
o DOS/Virtual Storage Features Supplement (GC20-1756)
o OS/Virtual Storage 1 Features Supplement (GC20-1752)
o Virtual Machine Facility/370 Features Supplement (GC20-1757)
Manual, 316 pages
3135//01///
- GC20-1739
HANDPRINTING CONSIDERATIONS FOR THE IBM 1287/1288 OPTICAL CHARACTER READERS
This publication was written to help determine why handprinted characters reject or substitute, and to help define input problems related to character shape and size. Included is general information about handprinting requirements and why characters reject or substitute. Varying character shapes and sizes are also included for reference purposes. Data Processing Techniques Manual, 40 pages
//04//1287,1288/
- GC20-1750
IBM 3881 OPTICAL MARK READER - FORMS KIT
This manual contains 41 forms designed for the IBM 3881 Optical Mark Reader. Along with each document is a brief description of the application and the use of the form with the IBM 3881. The forms are illustrated in two colors to aid with applications spanning several industries. All forms should be reviewed, as the data entry characteristics in one application are similar to those of other applications in other industries. Manual, 88 pages
//04//3881/
- GC20-1751
IBM 3881 OPTICAL MARK READER SYSTEMS DESIGN GUIDE
This manual is a guide to the design of a data entry system using CMR. The material includes forms design, operations, and programming techniques. It is intended to be used both as an instruction guide and as a resource during systems installation design. Manual
//04//3881/
- GC20-1752
OS/VIRTUAL STORAGE 1 FEATURES SUPPLEMENT
This supplement discusses OS/Virtual Storage 1 (OS/VS1) features and organization as of Release 6. Only concepts and functions of OS/VS1 that are new to and significantly different from those of OS MPT are presented in detail. Transition from OS MPT to OS/VS1 is discussed also.
This supplement is an optional section designed to be inserted in its entirety in any one of the following base publications, each of which contains the conceptual and System/370 hardware information required to understand the OS/VS1 discussion presented:
A Guide to the IBM System/370 Model 135 (GC20-1738),
A Guide to the IBM System/370 Model 138 (GC20-1785),
A Guide to the IBM System/370 Model 145 (GC20-1734),
A Guide to the IBM System/370 Model 148 (GC20-1784),
A Guide to the IBM System/370 Model 158 for System/370 Model 155 Users (GC20-1754),
A Guide to the IBM System/370 Model 158 for System/360 Users (GC20-1781),
A Guide to the IBM System/370 Model 168 for System/370 Model 165 Users (GC20-1755),
A Guide to the IBM System/370 Model 168 for System/360 Users (GC20-1787).
Readers who possess more than one of the above base publications need add this supplement to only one of the documents, as the OS/VS1 information presented applies to System/370 Models 135, 138, 145, 148, 158, and 168 unless otherwise indicated in the text.
The contents of this supplement are designed to acquaint the OS MPT knowledgeable reader with the new facilities and the advantages of OS/VS1. Manual, 192 pages
//20//5741
- GC20-1753
OS/VS2 SINGLE VIRTUAL STORAGE (SVS) FEATURES SUPPLEMENT
This supplement discusses OS/Virtual Storage 2 (OS/VS2) SVS features and organization. Only concepts and functions of OS/VS2 SVS that are new to and significantly different from those of OS MVI are presented in detail. Transition from OS MVT to OS/VS2 SVS is discussed also.
This supplement is an optional section design to be inserted in its entirety in any one of the following base publications, each of which contains the conceptual and System/370 hardware information required to understand the OS/VS2 discussion presented: A Guide to the IBM System/370 Model 145 (GC20-1734), A Guide to the IBM System/370 Model 158 for System/370 Model 155 Users (GC20-1754), A Guide to the IBM System/370 Model 158 for System/360 Users (GC20-1781), A Guide to the IBM System/370 Model 168 for System/370 Model 165 Users (GC20-1755), A Guide to the IBM System/370 Model 168 for System/360 Users (GC20-1787), or A Guide to the IBM 3033 Processor Complex of System/370 (GC20-1859).
Readers who possess more than one of the above base publications need add this supplement to only one of the documents, as the OS/VS2 information presented is model independent unless otherwise indicated in the text.
The contents of this supplement are designed to acquaint the OS MVT knowledgeable reader with the new facilities and the advantages of OS/VS2 SVS. Manual, 90 pages
//20//5742
- GC20-1754
A GUIDE TO THE IBM SYSTEM/370 MODEL 158 FOR SYSTEM/370 MODEL 155 USERS
This guide presents hardware, programming systems, and other pertinent information about the IBM System/370 Model 158 that describes its significant new features and advantages. Knowledge of the IBM System/370 Model 155 is assumed. Features common to Models 155 and 158 are indicated but not discussed in detail. The contents of the guide are intended to acquaint the reader with the Model 158 and to be of benefit in planning for its installation.
Associated with this guide are four optional supplements that describe operating systems for the Model 158 that support a virtual storage environment. Each supplement has its own form number and must be ordered individually, if

required. Optional supplements are the following:

- o DOS/Virtual Storage Features Supplement (GC20-1756)
- o OS/Virtual Storage 1 Features Supplement (GC20-1752)
- o OS/VS2 SVS Features Supplement (GC20-1753)
- o Virtual Machine Facility/370 Features Supplement (GC20-1757)

Manual, 120 pages
3155,3158//01///

GC20-1755

A GUIDE TO THE IBM SYSTEM/370 MODEL 168 FOR SYSTEM/370 MODEL 165 USERS

This guide presents hardware, programming systems, and other pertinent information about the IBM System/370 Model 168 that describes its significant new features and advantages. Knowledge of the IBM System/370 Model 165 is assumed. Features common to Models 165 and 168 are indicated but not discussed in detail. The contents of the guide are intended to acquaint the reader with the Model 168 and to be of benefit in planning for its installation.

Associated with this guide are three optional supplements that describe operating systems for the Model 168 that support a virtual storage environment. Each supplement has its own form number and must be ordered individually, if required. Optional supplements are the following:

- o OS/Virtual Storage 1 Features Supplement, GC20-1752
- o OS/VS2 (SVS) Features Supplement, GC20-1753
- o Virtual Machine Facility/370 Features Supplement (GC20-1757)

* Availability to be announced
Manual, 118 pages
3165,3168//01///

GC20-1756

DOS/VIRTUAL STORAGE FEATURES SUPPLEMENT

This supplement discusses DOS/VS features and organization as of Release 34. Only concepts and functions of DOS/VS that are new to and significantly different from those of DOS Version 4 are presented in detail. Transition from DOS Version 4 to DOS/VS is discussed also.
Manual, 118 pages
//20//5745-010

GC20-1757

VIRTUAL MACHINE FACILITY/370 FEATURES SUPPLEMENT

This supplement discusses Virtual Machine Facility/370 (VM/370) features and organization. It assumes knowledge of System/370 hardware and an understanding of virtual storage concepts and terminology, virtual machine concepts, and dynamic address translation hardware, as discussed in each of the base publications for which this supplement can be ordered. The reader is also assumed to be familiar with operating system concepts in general and any specific operating system that is to be executed under control of VM/370 except for the Conversational Monitor System of VM/370, which is discussed in this supplement. Knowledge of Control Program 67/Cambridge Monitor System (CP-67/CMS) is not assumed. This supplement is an optional section that is designed to be inserted in its entirety in any one of the guides for System/370 Models 135, 138, 145, 148, 158 and 168 and 3031, 3032 and 3033 Processors. Readers who possess more than one of those publications need add this supplement to only one of the guides, since the VM/370 information presented applies to all supported processors unless otherwise indicated in the text.

The contents of this supplement are designed to acquaint the reader with the facilities and operation of VM/370. Types of installations that can benefit from the use of VM/370 and performance considerations are indicated also.
Manual, 436 pages, 12/77
//20//5749

GC20-1760

IBM 3886 OPTICAL CHARACTER READER FORMS KIT

This manual includes 30 forms designed for the 3886 and text describing the application. Forms are printed in two colors to illustrate design and use of forms in various industries.
Manual
//04//3886/

GC20-1767

OPTICAL MARK READ/CARD PRINT APPLICATION SOLUTIONS IBM 3504 and 3505 CARD READERS IBM 3525 CARD PUNCH

This manual contains brief descriptions of application solutions using the 3504/3525 Card Subsystem with System/370 Model 125 and the 3505/3525 Card Subsystem with all models of System/370. The application solutions highlights the Optical Mark Read feature on the card reader, and the Card Print feature on card punch.

The two-color card form samples accompanying the majority of application descriptions illustrate the variety of ways of using the card subsystem to solve data processing problems in many industries. Data printed in black within the sample cards simulates 3525 card printing.

It is assumed that punched hole data will be contained

in many of the application cards discussed, but the punched holes have not been represented in these illustrations.

All card documents illustrated in this publication are reduced in physical size from the standard specifications for an 80-column card.
Manual, 75 pages
//13//3504,3505,3525/

GC20-1775

CONCEPTS OF THE IBM 3800 PRINTING SUBSYSTEM

This manual is intended as a first reader for those users of printers who wish to take a quick look at the non-impact IBM 3800 Printing Subsystem, at its basic concepts, and at how these concepts lead to new functions that may offer different options in planning and operations. A check list is given as an aid in estimating differences in operating costs.

System Manual
//03//3800/

GC20-1780

3350 3344 INSTALLATION AND CONVERSION GUIDE

This guide describes the requirements and procedures to accomplish a successful installation of 3350 and 3344 Direct Access Storage Devices. It covers such aspects as features, compatibility modes, addressing, and hardware and programming considerations.

Special emphasis is given to the procedures for converting from different types of DASD, and several examples are explained in detail. In the same way, the checklist included in the guide will assist in the implementation of a good conversion plan.

A bibliography related to the 3350/3344 DASD is also included, as well as space utilization tables.
Manual
370//07//3350,3344/

GC20-1781

A GUIDE TO THE IBM SYSTEM/370 MODEL 158 FOR SYSTEM/360 USERS

This guide presents hardware, programming systems, and other pertinent information about the IBM System/370 Model 158 that describes its significant new features and advantages. Knowledge of the IBM System/360 Model 50 is assumed. The contents of the guide are intended to acquaint the reader with the Model 158 and to be of benefit in planning for its installation.

Associated with this guide are four optional supplements that describe DOS/VS, OS/VS1, SVS and VM/370 for the Model 158 in a virtual storage environment. Optional orderable supplements are the following:

- o DOS/Virtual Storage Features Supplement (GC20-1756)
- o OS/Virtual Storage 1 Features Supplement (GC20-1752)
- o OS/Virtual Storage 2 Single Virtual Storage (SVS) Features Supplement (GC20-1753)
- o Virtual Machine Facility/370 Features Supplement (GC20-1757)

Manual
2040,2044,2050,2065,2067,2095,2091,2085,3158//01///

GC20-1784

A GUIDE TO THE IBM SYSTEM/370 MODEL 148

This guide presents hardware, programming systems, and other pertinent information about the IBM System/370 Model 148 that describes its significant new features and advantages. The contents are intended to acquaint the reader with the Model 148 and to be of benefit in planning for its installation.

Associated with this guide are three optional supplements that describe operating systems for the Model 148 that support a virtual storage environment. Each supplement has its own form number and must be ordered individually, if required. Optional supplements are the following:

- o DOS/Virtual Storage Features Supplement (GC20-1756)
- o OS/Virtual Storage 1 Features Supplement (GC20-1752)
- o Virtual Machine Facility/370 Features Supplement (GC20-1757)

Manual, 312 pages
3148//01///

GC20-1785

A GUIDE TO THE IBM SYSTEM/370 MODEL 138

This guide presents hardware, programming systems, and other pertinent information about the IBM System/370 Model 138 that describes its significant new features and advantages. The contents are intended to acquaint the reader with the Model 138 and to be of benefit in planning for its installation.

Associated with this guide are three optional supplements that describe operating systems for the Model 138 that support a virtual storage environment. Each supplement has its own form number and must be ordered individually, if required. Optional supplements are the following:

- o DOS/Virtual Storage Features Supplement (GC20-1756)
- o OS/Virtual Storage 1 Features Supplement (GC20-1752)
- o Virtual Machine Facility/370 Features Supplement

(GC20-1757)
Manual, 247 pgs
3138//01///

GC20-1786

PLANNING GUIDE FOR THE DOS/VIS "CARDLESS" SYSTEM

This manual is for systems programmers, application programmers, and operators who are planning to use the System/370 Model 115 or 125 in a "cardless" environment. It discusses the Disk Operating System/Virtual Storage (DOS/VIS) programming support provided for the IBM 3540 Diskette Input/Output Unit. Aspects of system operation, system generation, conversion, and application development are covered with regard to systems that do not use a conventional card reader or punch.

An operational knowledge of DOS/VIS and POWER/VIS is basic to understanding this publication. Planning for a cardless system should include understanding the operation of the 3540 and the use of the diskette in the data entry area.

Manual
3115,3125//34//3540/5745-010

GC20-1787

A GUIDE TO THE IBM SYSTEM/370 MODEL 168 FOR SYSTEM/360 USERS

This guide presents hardware, programming systems, and other pertinent information about the IBM System/370 Model 168 that describes its significant new features and advantages. Knowledge of the IBM System/360 Model 65 is assumed. The contents of the guide are intended to acquaint the reader with the Model 168 and to be of benefit in planning for its installation.

Associated with this guide are three optional supplements that describe operating systems for the Model 168 that support a virtual storage environment. Each supplement has its own form number and must be ordered individually, if required. Optional supplements are the following:

- o OS/Virtual Storage 1 Features Supplement (GC20-1752)
- o OS/Virtual Storage 2 Single Virtual Storage (SVS) Features Supplement (GC20-1753)
- o Virtual Machine Facility/370 Features Supplement (GC20-1757)

Manual
2040,2044,2050,2065,2067,2095,2091,2085,3168//01///

GC20-1792

SYSTEM/3 TO DOS/VIS CONVERSION GUIDE

This guide is intended to assist the System/3 user who is converting to a DOS/VIS system, to be used as the primary reference document for the conversion. It presents a comparison of System/3 and DOS/VIS features and gives procedures for converting to DOS/VIS, either manually or with programming tools. Through numerous examples, the user can see how to change his current programs, files, and operation control language to comparable DOS/VIS programs, files and job control language. Where comparable functions do not exist, an alternate approach is suggested. The guide also presents a suggested migration plan and a checklist of things to consider, and directs the user to available migration tools.

The guide will be of interest primarily to people within the data processing department. The DP manager will find introductory information, migration guidelines, and system comparisons. The system programmer will find information on the system control program, system generation, and library considerations. The application programmer will find specific information on program conversion, control card conversion, sorts and utilities. In addition management outside the data processing department may be interested in the overview, the advantages of DOS/VIS, and migration considerations.

Manual, 8 1/2 x 11 inches, 7/77

GC20-1800

VIRTUAL MACHINE FACILITY/370: INTRODUCTION

This publication introduces VM/370, and defines the minimum equipment configuration necessary to execute it. It is intended for anyone who is interested in VM/370. However, the reader should have a basic understanding of IBM data processing.

VM/370 (Virtual Machine Facility/370) is an operating system that manages the resources of a single System/370 computer so that multiple computing systems (virtual machines) appear to exist. VM/370 consists of a Control Program (CP), which manages the real computer, a Conversational Monitor System (CMS), which is a general-purpose conversational time sharing system that executes in a virtual machine, a Remote Spooling Communications Subsystem (RSCS), which spools files to and from geographically remote locations, and an Interactive Problem Control System (ICPS), which provides problem analysis and management facilities.

The first section of the publication is an introduction; it describes what VM/370 can do. The second, third, and fourth sections describe the Control Program, Conversational Monitor System, and Remote Spooling Communications Subsystem, respectively. The appendixes include information about system requirements and related VM/370 publications for CMS users.

This publication is a prerequisite for the VM/370 system library.

Manual, 64 pgs & cover, 10/76
//20//5749

GC20-1801

IBM VIRTUAL MACHINE FACILITY/370 PLANNING AND SYSTEM GENERATION GUIDE

This publication is intended for those responsible for the planning and installation of a VM/370 system. It includes information on virtual machine concepts, operating systems in a virtual machine, and planning and system generation considerations for a VM/370 installation. The IBM Virtual Machine Facility/370 Introduction, Order No. GC20-1800, is a prerequisite for understanding this publication.

Manual, 249 pages
//34//5749

GC20-1806

IBM VIRTUAL MACHINE FACILITY/370 OPERATOR'S GUIDE

This publication is intended for those responsible for the operation and administration of a VM/370 System. It includes the I/O resources and operating characteristics of VM/370, the associated virtual machines, and the real hardware configuration. Also included is information on spooling, resource allocation, system startup and shutdown procedures, and VM/370 service programs.

Corequisite Publications

IBM Virtual Machine Facility/370:

System Messages, Order No. GC20-1808
OLTSEP and Error Recording Guide, Order No. GC20-1809
OS/VIS Environmental Recording Editing and Printing

(EREP) Program, Order No. GC28-0772
Manual, 8 1/2 x 11 inches, 244 pgs, 10/76
//40//5749

GC20-1807

VIRTUAL MACHINE FACILITY/370: SYSTEM PROGRAMMER'S GUIDE

This publication is intended for VM/370 system programmers and VM/370 system analysts. It provides information that is needed to maintain, tune, modify, and debug VM/370. The VM/370 System Programmer's Guide is divided into four sections that discuss:

- Debugging with VM/370 - describes the procedures, commands, and techniques used to debug VM/370. This section also discusses how to read VM/370abend dumps.
- OLTSEP Control Program - provides an overview of the internal processing of the VM/370 control program. There are also topics that discuss performance guidelines, performance tunings, accounting records, virtual machine communication facilities, and system modifications that can be made by an installation.
- Conversational Monitor System (CMS) - provides an overview of the internal CMS processing. This section also discusses installation modifications to CMS.
- Remote Spooling Communication Subsystem (RSCS) - discusses the purpose of RSCS and how VM/370 uses it. Also provided is an overview of internal RSCS processing.

Refer to the latest System/370 Bibliography, GC20-0001 for the titles and abstracts of related publications.
Manual, 8 1/2 x 11 inches, 376 pages, 11/77
//36//5749

GC20-1808

VIRTUAL MACHINE FACILITY/370: SYSTEM MESSAGES

This publication contains messages and codes that may be encountered when using IBM Virtual Machine Facility/370 (VM/370). Conditions that generate these messages and codes are explained, the resulting system action is described, and appropriate responses are suggested.

In addition, this publication contains information on VM/370 Basic System Extensions Program Product, program number 5748-XX8 and VM/370 System Extensions Program Product, Program Number 5748-XE1.
Manual, 8 1/2 x 11 inches, 312 pgs, 9/77
//40//5749

GC20-1809

IBM VIRTUAL MACHINE FACILITY/370 OLTSEP AND ERROR RECORDING GUIDE

This publication is intended for the IBM Customer Engineer (CE). The information in this book will aid the CE in performing hardware I/O maintenance from a virtual machine. It includes data on error handling, the error recording process, describes how to run the Online Test Sections (OLTS) under OLTSEP and how to use the CMS CPEREF command that interfaces with OS/VIS EREP (IFCEREPI) and error recorded data.

PREREQUISITE PUBLICATION

IBM Virtual Machine Facility/370: Introduction, Order No. GC20-1800

COREQUISITE PUBLICATIONS

OS/VIS Environmental, Recording, Editing and Printing (EREP) Program, Order No. GC28-0772

IBM Virtual Machine Facility/370:

CP Command Reference for General Users, Order No. GC20-2820

System Messages, Order No. GC20-1808
Terminal User's Guide, Order No. GC20-1810

Manual, 8 1/2 x 11 inches, 120 pgs, 10/76
//37//5749

GC20-1810

IBM VIRTUAL MACHINE FACILITY/370 TERMINAL USER'S GUIDE

This publication is for the terminal user who needs information about:

- Terminal Initialization and General Procedures for all VM/370 Terminals
- Gaining Access to VM/370
- Accessing VM/370 via common Carrier Facilities
- VM/370 Logon and Logoff Procedures
- Typing Conventions after Logging On
- Typewriter-type Terminals and their usage
- Display Terminals and their usage including screen management
- Program Function (PF) Keys - Setup and Usage
- APL Considerations

PREREQUISITE PUBLICATION

For a thorough understanding and for effective use of this publication, the user should see IBM Virtual Machine Facility/370: Introduction, Order No. GC20-1800. Manual, 8 1/2 x 11 inches, 91 pages
//40///5749

GC20-1813

IBM VIRTUAL MACHINE FACILITY/370: GLOSSARY AND MASTER INDEX
The IBM VM/370 Glossary and Master Index provides a guide to the VM/370 library in three ways.

- The glossary defines terms particular to VM/370 that are not included in the IBM Data Processing Glossary, GC20-1699.
- The master index directs users to the VM/370 publications that contain information on VM/370 users.
- The command and operand summaries direct users to the publications that document each of the commands and operands available to VM/370 users.

Manual, 8 1/2 x 11 inches
//20///5749

GC20-1816

VM/370 REMOTE SPOOLING COMMUNICATIONS SUBSYSTEM (RSCS) USER'S GUIDE

This publication provides the users of the VM/370 Remote Spooling Communications Subsystem (RSCS) with the information necessary to operate the RSCS virtual machine and supported remote terminals and stations.

Topics covered include:

- o Devices supported by RSCS
- o Line connection procedures
- o Data transmission and reception
- o RSCS operator commands
- o Remote operator commands
- o VM/370 user commands
- o Error recovery procedures

Manual, 116 pages
//C/30///5749

GC20-1818

IBM VIRTUAL MACHINE FACILITY/370: CMS COMMAND AND MACRO REFERENCE

This publication provides users of the Conversational Monitor System (CMS) component of the IBM Virtual Machine Facility/370 with detailed reference information concerning command syntax and usage notes for:

- CMS commands
- EDIT subcommands
- DEBUG subcommands
- EXEC control statements, special statements, and built-in functions
- CMS assembler language macro instructions

Prerequisite publications:

IBM Virtual Machine Facility/370:
Terminal User's Guide, Order No. GC20-1810
CMS User's Guide, Order No. GC20-1819

Manual
//36///5749

GC20-1819

VM/370: CMS USER'S GUIDE

Contains general information and examples for using the Conversational Monitor System (CMS) component of IBM Virtual Machine Facility/370 (VM/370).

This publication is written for applications programmers and nontechnical personnel who want to learn how to use CMS to create and modify data files (including VSAM data sets) and programs, and to compile, test, and debug OS or DOS programs under CMS.

The CMS Editor and EXEC facilities are described, with usage information and examples.

Prerequisite Publications

IBM Virtual Machine Facility/370: Terminal User's Guide, Order No. GC20-1810
IBM Virtual Machine Facility/370: Introduction, Order No. GC20-1800

Manual
//39///5749

GC20-1820

IBM VIRTUAL MACHINE FACILITY/370: CP COMMAND REFERENCE FOR GENERAL USERS

This publication is a reference manual for the general class of users that are running systems such as OS, DOS, OS/VS, DOS/VS, CMS, and RSCS in a virtual machine under VM/370. Each CP command available to the general class of user as well as those CP commands that are available to all users are listed alphabetically and contain general usage

information, the command line format, descriptions of all allowable operand values and default values for operands. Also included are tables showing the relationship of the general class of CP commands to the entire set of VM/370 CP commands.

PREREQUISITE PUBLICATIONS

IBM Virtual Machine Facility/370:
Introduction, Order No. GC20-1800
Operating Systems in a Virtual Machine, Order No. GC20-1821.

Terminal User's Guide, Order No. GC20-1810.

CORREQUISITE PUBLICATIONS

IBM Virtual Machine Facility/370:
System Messages, Order No. GC20-1808
Manual, 8 1/2 x 11 inches, 172 pgs, 9/77
//36///5749

GC20-1821

IBM VIRTUAL MACHINE FACILITY/370: OPERATING SYSTEMS IN A VIRTUAL MACHINE

This publication is for system programmers who plan to use System/360 or System/370 operating systems under the control of VM/370. It is also for VM/370 system programmers who plan to use these operating systems or VM/370 under the control of VM/370.

The publication describes common aspects of running any operating system under VM/370, and it describes how to use VM/370 functions more efficiently when running operating systems under VM/370. The book also provides specific system planning and operating considerations when running VM/370, DOS/VS, DCS/VSE, OS/VS and under VM/370. Manual, 248 pages, 2/76
//34///5749

GC20-1822

VM/370: RELEASE 3 GUIDE

This publication contains information about the scope and content of the current release of the IBM Virtual Machine Facility/370. It provides planning and implementation information for installation managers, system programmers, and IBM system hardware and software support personnel. This publication describes:

- o New and changed VM/370 features, components, and requirements
- o Changes to VM/370 publications
- o Modules added, deleted, modified, or sequenced for the current release
- o Ordering and distribution procedures for the current release
- o VM/370 restrictions
- o A list of Release 2 APAR fixes that have been incorporated in the Release 3 base system

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

GC20-1823

VM/370 INTERACTIVE PROBLEM CONTROL SYSTEM (IPCS) USER'S GUIDE

This is a reference publication for users of the Interactive Problem Control System (IPCS) component of VM/370. It is specifically directed to the system programmer or the IBM program support representative. IPCS standardizes the problem reporting process and provides:

- Online problem management
 - Interactive problem diagnosis
 - An online debugging facility for disk-resident CPabend dumps
 - A problem-tracking facility that can be updated either by the user or, automatically, by the system
- This publication contains IPCS command formats and instructions for their use. IPCS programs, subroutines, and files are listed.

PREREQUISITE PUBLICATIONS

IBM Virtual Machine Facility/370:
• CP Command Reference for General Users, Order No. GC20-1820
• Operator's Guide, Order No. GC20-1806
• CMS Command and Macro Reference, Order No. GC20-1818

Manual, 8 1/2 x 11 inches, 12/77
//37///5749

GC20-1824

IBM VIRTUAL MACHINE FACILITY/370: PLANNING FOR RELEASE 4

This publication describes the new functions, devices and features supported by VM/370 Release 4. This includes support for the IBM 3850 Mass Storage System Attached Processor, Alternate Path Reserve/Release, the new Starter System, and other miscellaneous changes.

Manual, 8 1/2 x 11 inches, 6 pgs, 4/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

GC20-1825

IBM VIRTUAL MACHINE FACILITY/370 RELEASE 4 GUIDE

This publication contains information about the scope and content of the current release of the IBM Virtual Machine Facility/370. It provides planning and implementation information for installation managers, system programmers, and IBM system hardware and software support personnel. This publication describes:

- New and changed VM/370 features, components, and requirements

- Changes to VM/370 publications
 - Modules added, deleted, modified, or sequenced for the current release
 - Ordering and distribution procedures for the current release
 - Updates to VM/370 restrictions
 - A list of Release 3 APAR fixes that have been incorporated in the Release 4 base system
- Prerequisite Publications
 IBM Virtual Machine Facility/370:
 Introduction, Order No. GC20-1800
 Planning and System Generation, Order No. GC20-1801
 Manual, 8 1/2 x 11 inches, 96 pages, 9/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GC20-1827

IBM VM/370 SEPP, LIC PROG 5748-XE1, GENERAL INFORMATION
 This manual, Order No GC20-1827, contains new and updated information in support of VM/370 System Extensions Program Product, Release 2, and is intended for use by installation managers, system programmers, and IBM Field Engineering personnel.
 Manual, 8 1/2 x 11 inches, 9/77
 //5748-XE1

GC20-1830

VM/370 REL 5 PLC 1, SCP 5749-010, SPECIFICATIONS
 This publication specifies the contents of the IBM system control program known as the "IBM Virtual Machine Facility/370" (VM/370). It also contains a list of the supported processors and a compatibility statement. Those desiring more information should refer to the publication IBM Virtual Machine Facility/370: Introduction, order number GC20-1800.
 Manual, 8 1/2 x 11 inches, 4 pages, 2/78
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GC20-1831

IBM VIRTUAL MACHINE FACILITY/370: RELEASE 5 GUIDE
 This publication contains information about the scope and content of the current release of the IBM Virtual Machine Facility/370. It provides planning and implementation information for installation managers, system programmers, and IBM system hardware and software support personnel. This publication describes:

- New and changed VM/370 features, components, and requirements
- Changes to VM/370 publications
- Modules added, deleted, modified, or resequenced for the current release
- Ordering and distribution procedures for the current release
- Updates to VM/370 restrictions
- The APARs integrated into this release

PREREQUISITE PUBLICATIONS
 IBM Virtual Machine Facility/370:
 Introduction, Order No. GC20-1800
 Planning and System Generation, Order No. GC20-1801
 Manual, 8 1/2 x 11 inches
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GC20-1832

VM/370 SYSTEM EXTENSIONS, LIC PROG 5748-XE1, SPECIFICATIONS
 This specification describes briefly the functions that are available with the VM/System Extensions Program Product (5748-XE1). This function adds to VM/370 additional device support, system performance options, and enhancements to CMS that are not available in the base VM/370 product (5749-010).
 Manual, 8 1/2 x 11 inches, 1/78
 //5748-XE1

GC20-1833

IBM VM/370 BSEPP, LICENSED PROGRAM 5748-XX8, SPECIFICATIONS
 This specification supports the VM/370 Basic System Extensions Program Product, prog no. 5748-XX8.
 Flyer, 2 pages
 //5748-XX8

GC20-1834

IBM VM/370: RELEASE 6 GUIDE
 This publication provides planning and implementation information for installation managers, system programmers, and IBM system hardware and software support personnel. This publication describes:

- New and changed VM/370 features, components, and requirements
- Changes to VM/370 publications
- Modules added, deleted, modified, or resequenced for current release
- Ordering and distribution procedures for current release
- Updates to VM/370 restrictions
- APARs integrated into this release

This publication is completely revised at every release.
 Manual
 //34//5749

GC20-1835

VM/370 DIRECTORY MAINTENANCE, LIC PROG 5748-XE4, DESIGN OBJECTIVES
 This publication provides installation managers, system programmers and IBM Field Engineering personnel with a brief summary of the highlights, product review, and installation requirements of the program product. The VM/370 Directory Maintenance program product provides an efficient, easy to use, and secure interactive facilities to work in conjunction with or replace the manual methods of maintaining the VM/370 directory utility (DMKDIR).
 Flyer, 8 1/2 x 11 inches, 2 pages, 1/79
 //5748-XE4

GC20-1835

VM/370 DIR MAINT GIM
 No abstract available.
 Manual, 44 pages
 //5748-XE4

SC20-1845

APL/CMS INSTALLATION MANUAL, PROGRAMMING RPO MF2608 - PRG. NO. 5799-ALK
 This publication describes the procedures for the installation and support of APL/CMS. It discusses the generation of the APL command modules and the shared APL system, and the use of the optional API Assist feature. Also included are descriptions of the APL/CMS library structure and the utility programs for converting APL/360 workspaces into APL/CMS workspaces.
 The programming RPO described in this manual, and all licensed materials available for it, are provided by IBM on a special quotation basis only, under the terms of the License Agreement for IBM Program Products. Your local IBM branch office can advise you regarding the special quotation and ordering procedures.
 Manual, 32 pages
 //5799-ALK

SC20-1846

APL/CMS USER'S MANUAL, PROGRAMMING RPO MF2608 - PROG. NO. 5799-ALK
 This publication describes APL/CMS. It also describes the APL/CMS auxiliary processors, which allow the APL program to perform input and output operations to disks, magnetic tapes, line printers, and other devices.
 The programming RPO described in this manual, and all licensed materials available for it, are provided by IBM on a special quotation basis only, under the terms of the License Agreement for IBM Program Products. Your local IBM branch office can advise you regarding the special quotation and ordering procedures.
 Manual, 76 pages
 //5799-ALK

GC20-1854

A GUIDE TO THE IBM 3031 PROCESSOR COMPLEX AND ATTACHED PROCESSOR COMPLEX OF SYSTEM/370
 This guide presents hardware, programming systems, and other features and advantages of the IBM 3031 Processor Complex and Attached Processor Complex. Knowledge of a System/370 processor that has EC mode and dynamic address translation capabilities is assumed. This guide is intended to acquaint the reader with the components of 3031 configurations and to be of benefit in installation planning.
 Associated with this guide are three optional supplements describing programming systems for 3031 Processor that support a Virtual Storage environment. Each supplement has its own form number and must be ordered individually, if desired. The optional supplements are:

- DOS/Virtual Storage Features Supplement (GC20-1756)
- OS/Virtual Storage 1 Features Supplement (GC20-1752)
- OS/Virtual Storage 2 Single Virtual Storage (SVS) Features Supplement (GC20-1753)
- Virtual Machine Facility/370 Features Supplement (GC20-1757)

Manual, 8 1/2 x 11 inches, 124 pages, 1/78
 3031//01//

GC20-1858

A GUIDE TO THE IBM 3032 PROCESSOR COMPLEX OF SYSTEM/370
 This guide presents hardware, programming systems, and other pertinent information describing the significant new features and advantages of the IBM 3032 Processor Complex. Knowledge of a System/370 processor that has EC mode and dynamic address translation capabilities is assumed. This guide is intended to acquaint the reader with the components of the 3032 Processor Complex and to be of benefit in planning for its installation.
 Associated with this guide are three optional supplements describing programming systems for the 3032 Processor Complex that support a virtual storage environment. Each supplement has its own form number and must be ordered individually, if desired. The optional supplements are:

- OS/Virtual Storage 1 Features Supplement (GC20-1752)
- OS/Virtual Storage 2 Single Virtual Storage (SVS) Features Supplement (GC20-1753)
- Virtual Machine Facility/370 Features Supplement (GC20-1757)

Manual, 8 1/2 x 11 inches, 100 pgs, 9/77
 3032//01//

GC20-1859

A GUIDE TO THE IBM 3033 PROCESSOR COMPLEX, ATTACHED PROCESSOR COMPLEX, AND MULTIPROCESSOR COMPLEX OF SYSTEM/370
This guide presents hardware, programming systems, and other pertinent information describing the significant new features and advantages of the IBM 3033 Processor Complex, Attached Processor Complex, and Multiprocessor Complex. Knowledge of a System/370 processor that has EC mode and dynamic address translation capabilities is assumed. This guide is intended to acquaint the reader with the components of 3033 configurations and to be of benefit in installation planning.

Associated with this guide are three optional supplements describing programming systems for the 3033 Processor Complex that support a virtual storage environment. Each supplement has its own form number and must be ordered individually, if desired. The optional supplements are:

- OS/Virtual Storage 1 Features Supplement (GC20-1752)
- OS/Virtual Storage 2 Single Virtual Storage (SVS) Features Supplement (GC20-1753)
- Virtual Machine Facility/370 Features Supplement (GC20-1757)

Manual, 8 1/2 x 11 inches, 140 pages, 2/78
3033//01///

GC20-1861

SYSTEM INSTALLATION PRODUCTIVITY OPTION (IPO) FOR OS/VS1, PROG 5750-AA4, PLANNING GUIDE
This planning guide provides general information on the products, aids, and documentation included in Release 4.0 of the System Installation Productivity Option (IPO) for OS/VS1, to assist in evaluating the applicability of the OS/VS1 System IPO for a particular installation. This guide also contains an overview of the installation process for those planning to install an OS/VS1 system using the OS/VS1 System IPO.
Planning Guide, 8 1/2 x 11 inches, 32 pgs, 10/77
//34///5741

GC20-1866

INTRODUCTION TO DOS/VS SYSTEM INSTALLATION PRODUCTIVITY OPTION (IPO) PROG 5750-AA5
This manual is a general summary of the IBM DOS/VS System Installation Productivity Option (IPO). Its purpose is to provide users of the DOS/VS System IPO with an introduction to the system.

The manual has seven major parts:

- Part 1: WHAT IS THE DOS/VS SYSTEM IPO? briefly describes the major characteristics of the system.
- Part 2: DISTRIBUTION MATERIAL describes the material received by the user of the DOS/VS System IPO.
- Part 3: HOW TO BEGIN summarizes the activities necessary to begin the installation process. This part includes a description of aids provided with the DOS/VS System IPO as well as information on printing the machine readable documentation.
- Part 4: INSTALLATION PROCESS OVERVIEW describes the basic steps required to install a product.
- Part 5: VERIFICATION PROCESS OVERVIEW describes the basic steps required to verify correct installation of a product. Included is a discussion of Installation Verification Procedures (IVPs).
- Part 6: WHAT IS THE TARGET SYSTEM BEING BUILT? describes the DOS/VS System layout that will be built if the user installs the system using the recommendations within the DOS/VS System IPO. This part is divided into sections by DASD device type.
- Part 7: SYSTEM REQUIREMENTS describes the hardware and software configurations supported by the DOS/VS System IPO.

The reader is expected to have a knowledge of DOS/VS and the products to be installed.
Manual, 8 1/2 x 11 inches, 56 pages, 5/78
//34///5745-010

GC20-1868

SYSTEMS NETWORK ARCHITECTURE - LOGICAL UNIT TYPES
This book describes Systems Network Architecture (SNA) as it relates to sessions between logical units (LUs). LUs are the ports through which application programs, terminals, and terminal operators communicate across an SNA network. LU to LU sessions support communication between these end-users.

This book shows the structure of an LU and defines the characteristics of four types of LU to LU sessions (types 1 through 4). It also defines the data streams that are valid for each type of LU to LU session.

This book does not describe any specific equipment or programs that may implement SNA, nor does it describe any implementation subsets or deviations from the architecture. These matters, as well as information on product installation and system definition, are described in implementation literature for the applicable products.

This book is intended for systems programmers and others who need detailed information about SNA in order to develop or adapt a product or program to function within an SNA network.

An understanding of SNA concepts is assumed throughout this book. The basic concepts can be obtained by reading SNA General Information and SNA Introduction to Sessions Between Logical Units (order numbers GA27-3102 and GC20-1869, respectively).

Manual, 8 1/2 x 11 inches, 80 pages, 6/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

GC20-1869

SYSTEMS NETWORK ARCHITECTURE - TYPES OF LOGICAL UNIT TO LOGICAL UNIT SESSIONS

Logical units are the ports through which users communicate across an SNA session. The composition of the logical units depends on the attributes of the end users and their communication requirements. Three logical unit types are discussed in support of customer-written application program to terminal or terminal operator communication.
Manual, 8 1/2 x 11 inches, 20 pages, 6/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

GC20-1870

SYSTEM INSTALLATION PRODUCTIVITY OPTION (IPC) FOR OS/VS2 RELEASE 3.8 (MVS AND MVS/SYSTEM EXTENSIONS) PLANNING FOR AN MVS/MSE SYSTEM IPO INSTALLATION

This manual provides general information on MVS System IPO and MSE System IPO to assist in evaluating their applicability for a particular installation. It describes in detail a framework for generating a customized MVS system installation plan that is structured to make maximum use of the MVS System IPO and/or MSE System IPO components.
Manual, 8 1/2 x 11 inches, 88 pgs, 7/78
//34///5752

GC20-1873

DOS/VSE SYSTEM IPO/EXTENDED, VM SYSTEM IPO/EXTENDED, VM/DOS/VSE SYSTEM IPO/EXTENDED, GENERAL INFORMATION

This manual is a general summary of the IBM System IPO/Extended for DOS/VSE, VM, and VM/DOS/VSE. It describes the major facilities of the System IPO/E, including the unique menu-driven dialogues that assist the user in performing a desired activity. It describes the composition of the System IPO/E and how this system can improve the productivity of the user.

This manual lists the products that make up the base and the optional licensed program features available for the DOS/VSE, VM, and VM/DOS/VSE versions. Sample menu, data entry and explain panels are shown with an explanation of their function and use. Preliminary operating environment information is also included.
Manual, 8 1/2 x 11 inches, 60 pages
//34///5749,5745-020

GC20-1878

A GUIDE TO THE 4331 PROCESSOR

This guide presents hardware, I/O device, programming systems, and other pertinent information describing the significant new features and advantages of the IBM 4331 Processor. Knowledge of System/360 hardware and I/O devices is assumed. The content of the guide is intended to acquaint the reader with the 4331 Processor and to be of benefit in planning for its installation.
Manual, 320 pages
4331//01///

GC20-8096

INTRODUCTION TO DATA MANAGEMENT STUDENT TEXT

This publication is an introduction to the concepts of data management and information processing. It is intended to address both programmer and non-programmer. Topics presented are Data Management and Information, Fields and Records, Data Storage Devices, Data Organization, Functions of Data Management, and Concepts of a Data Base System.
Manual, 8-1/2 x 11, 60 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GC21-5004

OS DATA MANAGEMENT SERVICES AND MACRO INSTRUCTIONS FOR IBM 1285/1287/1288

This publication defines and describes the data management macro instructions and services for the IBM Optical Readers. The macro instructions are used in the IBM System/360 Operating System Assembler language. The macro instruction descriptions and definitions apply to OS/MPT, OS/MVT, OS/VS1, and OS/VS2.

For OS/MPT and OS/MVT, the corequisite publication is IBM System/360 Operating System: Assembler Language, GC28-6514; for OS/VS1 and OS/VS2, the corequisite publication is OS/VS and DOS/VS Assembler Language, GC33-4010.

Manual, 48 pages
360,370//30//1285,1287,1288/

SC21-5005

IBM DOS RPG II LANGUAGE, PROG. NO. 5736-RG1

This publication contains the fundamentals of the RPG II language along with the RPG II language specifications for the IBM System/360 Disk Operating System. The DOS RPG II compiler and generated program can be used for System/360 Models 25, 30, 40, 50, 65, and 75.

Job set up information for coupling and executing an RPG II program is also included in the publication.
Manual, 568 pages, 3/75
/////5736-RG1

GC21-5006

OS DATA MANAGEMENT SERVICES AND MACRO INSTRUCTIONS FOR IBM 1419/1275

This publication tells how to plan, write, and execute programs for the IBM 1419 Magnetic Ink Character Reader and the IBM 1275 Optical Character Reader under the MPT, MVT, VS1, and VS2 options of the operating system (OS). It is intended for system analysts, assembler language programmers, or other personnel who need information on how to use the 1419 or the 1275 under OS. The IBM 1419 and the IBM 1275 read, under control of a processing program, information transcribed on checks and other documents. They also sort these documents under program control.

This publication describes device characteristics (such as document processing times) that the user must consider and the routines he must write to use the 1419 and the 1275 under OS. This description includes data management macro instructions needed, storage requirements for IBM-supplied 1419/1275 support routines, JCL requirements, timing considerations for various OS options, and sample user-written routines.

Manual, 50 pages
360,370//30//1419,1275/

SC21-5013

DOS IBM 1288 BASIC UNFORMATTED READ SYSTEM: A DATA CAPTURE UTILITY PROGRAM, PROG. NO. 5736-UT1

This publication is a reference manual designed to assist you in implementing data entry applications using the IBM 1288 Optical Page Reader. The data must be printed or typed in either OSASCSOCR size A or ISOOCR-A size 1 font in the unformatted mode.

This manual describes the control and functions of 1288 Basic Unformatted Read System, which include:

- o Input and output
- o Error handling routines
- o Job control language

The program operates under the IBM System/360 Disk Operating System with either BATCH or Multiple Programming Support (MPS).

Manual, 36 pages
//////5736-UT1

SC21-5014

OS IBM 1288 BASIC UNFORMATTED READ SYSTEM: A DATA CAPTURE UTILITY PROGRAM, PROG. NO. 5734-UT3

This publication is a reference manual designed to assist you in implementing data entry applications using the IBM 1288 Optical Page Reader. The data must be printed or typed in either OSASCSOCR size A or ISO OCR size 1 font in the unformatted mode.

This manual describes the control and functions of the 1288 Basic Unformatted Read System, which include:

- o Input and output
- o Error handling routines
- o Job control language

The program operates under the IBM Operating System with:

- o MPT - multi-programming with a fixed number of tasks.
- o MVT - multi-programming with a variable number of tasks.
- o VS1 - virtual storage, 1.
- o VS2 - virtual storage, 2.

Manual, 30 pages
//////5734-UT3

GC21-5021

IBM DOS RPG II GENERAL INFORMATION MANUAL PROGRAM NUMBER 5736-RG1

This publication describes the basic RPG II functions and provides information on performance and compatibility. The DOS RPG II compiler and generated program can be used for System/360 Models 25, 30, 40, 50, 65, and 75.

Manual, 32 pages
//////5736-RG1

GC21-5028

IBM DISK OPERATING SYSTEM RPG II PROGRAM PRODUCT SPECIFICATIONS PROGRAM NUMBER 5736-RG1

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product. Specification sheet, 2 pages

360,370//28/DOS//

GC21-5052

IBM DISK OPERATING SYSTEM RPG II AUTO REPORT FEATURE GENERAL INFORMATION MANUAL - PROGRAM NUMBER 5736-RG1

This manual introduces the function of the DOS RPG II Auto Report Feature for potential customer management, customer analysts, and for IBM personnel involved in marketing this feature.

Auto Report is a DOS RPG II program product feature. This feature extends the capabilities of the RPG II language and aids the RPG II user by reducing the programming effort required to code and debug his application programs.

This publication provides general descriptions of the four functions of the Auto Report Feature; discusses the compatibility and performance of Auto Report; and has an example showing an Auto Report job, from the coding needed

to produce a report, to the specifications generated by Auto Report for that job, and finally to the report produced as output. Prerequisite publications are:

- o Concepts and Facilities for DOS and TOS (GC24-5030)
 - o Introduction to RPG II (GC21-7514)
- General Information Manual, 15 pages
//////5736-RG1

SC21-5056

IBM DOS RPG II AUTO REPORT FEATURE - REFERENCE MANUAL PROGRAM NUMBER 5736-RG1

This manual contains three types of information about the RPG II Auto Report Feature:

1. Introductory and tutorial information on Auto Report for beginning users.
2. Reference information on Auto Report specifications for more experienced users.
3. Information on the internal operation of the Auto Report Feature for personnel with maintenance responsibility (replaces the program logic manual).

The Auto Report Feature is a program that operates prior to the RPG II compiler and that calls the compiler when it has finished processing. Auto Report generates complete RPG II source specifications for simple reports from simplified RPG II output specifications, standard RPG II specifications, and a special statement that copies previously catalogued specifications from a source library. Auto Report also provides for selection and sorting of input records prior to processing by the RPG II object program.

Readers of this manual must have some knowledge of RPG II.

Manual, 100 pages
//////5736-RG1

GC21-5067

PROGRAM PRODUCT FUNCTIONAL DESCRIPTION FOR IBM ECS 1288 BASIC UNFORMATTED READ SYSTEM - PROGRAM PRODUCT NUMBER 5736-UT1

This flyer describes the IBM 1288 Basic Unformatted Read System for use with the Disk Operating System.

Flyer, 1 page
360,370//32/DCS/1288/

GC21-5068

PROGRAM PRODUCT FUNCTIONAL DESCRIPTION FOR IBM 1288 BASIC UNFORMATTED READ SYSTEM (MPT/MVT/VS1/VS2) PROG. NO. 5734-UT3

Describes the IBM 1288 Basic Unformatted Read System for use with the Operating System.

Flyer, 1 page
360,370//32/CS,OTSO,QASP/1288/

GC21-5071

IBM 3740 BTAM/TCAM PROGRAMMER'S GUIDE

The IBM BTAM/TCAM Programmer's Guide supplements the base access method and operating system manuals. This guide describes the access method facilities and macro instructions associated with writing an application program that defines, activates and controls a 3741 Model 2 Data Station, a 3741 Model 4 Programmable Work station, or a 3747 Data Converter with the Communications Adapter. The ETAM related information in this guide applies to these operating systems: DOS/360, DOS/370, DOS/VS, OS/360, OS/VS1, OS/VS2. The TCAM related information applies to: CS/360-370, OS/VS1, OS/VS2. This guide is for programmers who have a knowledge of teleprocessing, basic assembler, the access method and data management techniques.

Manual, 8 1/2 x 11 inches, 509 pages, 7/66
360,370/C/30//3741,3747/

GC21-5097

OS AND OS/VS PROGRAMMING SUPPORT FOR THE IBM 3505 CARD READER AND IBM 3525 CARD PUNCH

This reference manual describes the OS and OS/VS support for the 3505 Card Reader and 3525 Card Punch and the optional features for both devices.

The manual is divided into three sections: 3505 Card Reader, 3525 Card Punch, and Appendixes.

Manual, 60 pages
370//30//3505,3525/

GC21-7514

INTRODUCTION TO RPG II REPORT WRITING

The purpose of this manual is to teach the report writing functions of the RPG II programming language. The manual is written not only for the person who has some previous knowledge of computer programming, but also for the person who knows little or nothing about data processing.

The first chapter is solely for the beginner. It contains basic information about computers and data processing. The remainder of the book explains the RPG II specifications and the RPG II specifications forms. Many job-related examples designed for a batch processing environment are used to show how the RPG II specifications apply to a real situation. The manual concludes with a sample job, which summarizes the duties of an RPG II programmer.

After completing this manual, the reader should be able

to use the various systems reference manuals to write basic RPG II programs.
Manual, 8 1/2 x 11 inches, 160 pgs, 7/78
//28///

GC22-7004

IBM SYSTEM/370 INSTALLATION MANUAL -- PHYSICAL PLANNING
Contains information necessary for planning the physical installation of the IBM System/370 in the United States. It includes floor planning information, as well as electrical, environmental, and structural requirements. Detailed cable charts are provided. GBOF-4113 may be used to order this publication (GC22-7004) and its corequisite publication, IBM Input/Output Equipment Installation Manual-Physical Planning, for System/360 and System/370 (GC22-7064).
Manual, 8 1/2 x 11 inches, 200 pages, 12/77
370//15///

GC22-7064

IBM INPUT/OUTPUT EQUIPMENT:
INSTALLATION MANUAL -
PHYSICAL PLANNING FOR
SYSTEM/360, SYSTEM/370, AND
4300 PROCESSORS

Contains information necessary for planning the physical installation of the IBM input/output equipment for the 3xxx series I/O equipment used with System/360, System/370, and 4300 Processors. It includes floor planning information, as well as electrical, environmental, and structural requirements. Physical planning information for the 1xxx and 2xxx series I/O equipment is in GC22-7069.

GBOF-4114 may be used to order GC22-7064 and GC19-0004 (IBM System/370 World Trade Installation Manual - Physical Planning). GBOF-4113 may be used to order GC22-7064 and GC22-7004 (IBM System/370 Installation Manual - Physical Planning).
Manual, 8 1/2 x 11 inches, 150 pages, 9/79
360,370//15///

GC22-7067

3033 PROCESSOR FLOOR CUTOUT AID

Contains information necessary for planning the physical installation of the IBM 3033 Processor U-series, A-series and M-series. It contains information about floor layouts and floor cutouts for machine rooms using either 24 or 18-1/4 inch floor panels.

Manual, 8 1/2 x 11 inches, 35 pages, 5/79
3033//15///

GC22-7068

IBM 3032 PROCESSOR FLOOR CUTOUT AID

Grid layouts to be used by IBM customers or IBM Installation Planning representatives in preparing the computer room floor for installation of the 3032 Processor Complex. Publication consists of six grid layouts and necessary instructions.

Manual, 8 1/2 x 11 inches, 20 pgs, 10/77
3032//15///

GC22-9062

DATA SECURITY THROUGH CRYPTOGRAPHY

Prevention of unauthorized physical and logical access to confidential information has been the traditional method of protecting the secrecy of computer data. Cryptography provides such protection in situations where the traditional method is not effective or possible.

Cryptography preserves the secrecy of computer data that could be accessed by the unauthorized by concealing the information using a process in which intelligible data is transformed into non-intelligible data. This manual describes the sale of cryptography in data security.
Manual, 8 1/2 x 11 inches, 40 pages, 10/77
////5740-XY5

GC22-9063

IBM CRYPTOGRAPHIC SUBSYSTEM CONCEPTS AND FACILITIES MANUAL
The IBM Cryptographic Subsystem is an integrated hardware-software implementation of end-to-end cryptography for protecting data. It consists of the following separate products:

1. IBM Programmed Cryptographic Facility, Program Product
2. IBM Advanced Communications Function for Virtual Telecommunications Access Method (ACF/VTAM), Encrypt/Decrypt Feature
3. Encrypt/Decrypt Feature (or RPQ) for the IBM 3276 Display Station and the IBM 3776 (Models 1 and 2) Communication Terminal

This manual describes the Cryptographic Subsystem and the Cryptographic concepts and techniques employed.
Manual, 8 1/2 x 11 inches, 48 pgs, 10/77
////5740-XY5

GC23-0001

OS/VS2 SYSTEM PROGRAMMING LIBRARY: JES2 (VS2 RELEASE 3.7

This publication is for system programmers who are to install the job entry subsystem JES2. It contains information about the installation and initialization of JES2, JES2 processing, remote job entry supported by JES2,

and factors that affect JES2 performance.

The information in this manual, which applies to OS/VS2 MVS Release 3.7, was formerly found in the JES2 sections of OS/VS2 System Programming Library: System Generation Reference, GC26-3792, OS/VS2 System Programming Library: Initialization and Tuning Guide, GC28-0681, and OS/VS2 System Programming Library: Job Management, GC28-0627.
Manual, 180 pages, 2/76
//36//5752

GC23-0002

JES2 RELEASE 4.0: MVS, SYSTEM PROGRAM LIBRARY

This publication, which corresponds to JES2 Release 4.0, is for system programmers who are to install the job entry subsystem JES2. It contains information about the installation and initialization of JES2, JES2 processing, remote job entry (RJE) supported by JES2, and factors that affect JES2 performance. The manual also describes JES2 Level 4.0 support for SNA RJE work stations and the IBM 3800 Printing Subsystem.
Manual, 200 pages, 5/76
////5752-825

SC23-0003

SYSTEM PROGRAMMING LIBRARY: NETWORK JOB ENTRY FACILITY FOR JES2, PROG PROC 5740-XR8

This manual is for use by system programmers. It contains information necessary for, and instructive in, installation, initialization, and tuning of the JES2 NJE System.
Manual, 8 1/2 x 11 inches, 322 pgs, 1/78
////5740-XR8

GC23-0004

MVS JES2 RELEASE 4 SELECTABLE UNIT SYSTEM INFORMATION, SUID 5752-803

This publication describes the component package JES2 Release 4.0. It contains information about the changes to JES2, other JES2 Release 4.0 documentation, installation of the component package, and storage estimates. The purpose of this manual is to assist installation managers, system programmers, and IBM Field Engineering personnel in incorporating JES2 Release 4.0.

This manual should be used for JES2 information only if the component package JES2 Release 4.0 is being installed in the system.
Manual, 15 pages, 5/76
////5752-803

GC23-0005

OS/VS1 SERVICE AIDS AND OLTEP MESSAGES

No abstract available.
Manual, 76 pages
//37//5741

GC23-0007

OPERATOR'S LIBRARY: OS/VS2 MVS JES2 R4 COMMANDS

No abstract available.
Manual, 120 pages
////5752-825

GC23-0008

OPERATORS LIBRARY: OS/VS2 MVS JES3 COMMANDS JES3 RELEASE 3

Provides the JES3 information required for a system operator to control a System/370 running under OS/VS2 Release 3.7 with the Job Entry Subsystem 3 (JES3).
Manual, 206 pages, 5/76
////5752-826

GC23-0010

NETWORK JOB ENTRY FACILITY FOR JES2, RELEASE 3,

LIC PROG 5740-XR8, GENERAL INFORMATION

Contains high level functional descriptions of the support provided by JES2 NJE Release 3. The audience for this manual includes CP managers, non-CP managers, system programmers, and IBM marketing personnel. This major revision specifically incorporates maintenance information and mentions a new installation procedure for JES2 NJE.
Manual, 8 1/2 x 11 inches, 28 pages, 1/79
////5740-XR8

SC23-0011

OPERATOR LIBRARY: NETWORK JOB ENTRY FACILITY FOR JES2, LIC PROG 5740-XR8, COMMANDS

This publication provides a system console operator with the required JES2 NJE information to control JES2 NJE on a System/370 running under OS/VS2 MVS Release 3.7. This publication should be used with Operator's Library: OS/VS2 MVS System Commands, GC38-0229, which provides the basic OS/VS2 MVS system information used in conjunction with JES2 NJE.
MANUAL, 8 1/2 x 11 inches, 152 pgs, 1/78
////5740-XR8

SC23-0012

INSTALLATION REFERENCE MATERIAL NETWORK JOB ENTRY FACILITY FOR JES2, PROG 5740-XR8

This publication contains system-oriented information

pertaining to the Network Job Entry (NJE) facility for JES2.

This publication is intended to supplement and be used in conjunction with the following systems manuals with JES2 Release 4.0 (selectable unit VS2.03 803) information installed: OS/VS2 Message Library: Routing and Descriptor Codes, GC38-1102; OS/VS2 Message Library: System Messages, GC38-1002; OS/VS2 JCL, GC28-0692; OS/VS2 Storage Estimates, GC28-0604; OS/VS2 TSO Command Language Reference, GC28-0646. Manual, 44 pages, 10/76
 /////5740-XR8

GC23-0017

ENVIRONMENTAL RECORDING EDITING AND PRINTING (EREP) PROGRAM SELECTABLE UNIT: OS/VS1 SERVICE AIDS AND OLTEP MESSAGES SUPPLEMENT SUID 5741-601
 This is a supplement that contains replacement pages for Service Aids and OLTEP Messages (GC23-0005-0) base publication to support EREP.
 Manual, 8 1/2 x 11 inches, 12 pgs, 1/77
 /////5741-601

GC23-0018

OS/VS MVS JES3 3850 MSS SELECTABLE UNIT SYSTEM INFORMATION, JES3 RELEASE 2.1 - SUID 5752-818
 This publication describes the OS/VS2 MVS JES3 3850 MSS selectable unit. It contains planning information about JES3 support of the IBM 3850 Mass Storage System (MSS) for JES3 installation managers, system managers, and IBM field engineering personnel.
 Manual, 8 1/2 x 11 inches, 10 pages, 3/77
 /////5752-818

GC23-0019

NETWORK JOB ENTRY (NJE) FACILITY FOR JES2 RELEASE 2, PROG PROD 5740-XR8, SPECIFICATIONS
 Program Product Specifications covering Release 2 of Network Job Entry Facility for JES2. Provides additional NJE support over that provided by Release 1. This support allows connection of CPUs to IBM 3791 Communication Controllers using SDLC communication lines.
 Audience would be installation managers, system programmers, and IBM Field Engineering personnel.
 Manual, 8 1/2 x 11 inches, 4 pgs, 3/77
 /////5740-XR8

GC23-0024

OS/VS2 MVS JES3 REL 3 SYSTEM INFORMATION SUID 5752-826
 This publication describes JES3 Release 3 (Selectable Unit ID 5752-826). It contains planning information about JES3 Release 3 for JES3 installation managers, system programmers, and IBM service representatives.
 The reader should be familiar with the concepts introduced in Introduction to JES3.
 Manual, 8 1/2 x 11, 35 pages, 6/78
 /////

GC23-0025

NETWORK JOB ENTRY FACILITY FOR JES2, RELEASE 3, LIC PROG 5740-XR8, SPECIFICATIONS
 Contains high level descriptive information about JES2 NJE Release 3. This document serves as the warranty for the product. The audience for this document includes DP managers, system programmers, and business managers. This major revision of the manual specifically incorporates maintenance information and mentions a new installation procedure for JES2 NJE.
 Flyer, 8 1/2 x 11 inches, 2 pages, 1/79
 /////5740-XR8

GC23-0026

MVS JOB ENTRY SUBSYSTEM 2 (JES2) REL 4.0 SU 03 SPECIFICATIONS, 5752-803
 This publication serves as the warranty for the MVS JES2 System Control Program, Release 4.0.
 Flyer, 8 1/2 x 11 inches, 2 pgs, 4/77

GC23-0027

MVS JOB ENTRY SUBSYSTEM 2 (JES2) RELEASE 4.1 SU 25 SPECIFICATIONS, 5752-825
 This publication serves as the warranty for the MVS JES2 System Control Program Release 4.1
 Flyer, 8 1/2 x 11 inches, 2 pgs, 4/77

GC23-0028

MVS JES 3 RELEASE 2, SUI2, SPECIFICATIONS, 5752-812
 This publication serves as the warranty for the MVS JES 3 System Control Program Release 2.
 Flyer, 2 pgs, 4/77

GC23-0029

OS/VS2 MVS JES 3 3850 MASS STORAGE SU 18 SPECIFICATIONS, 5752-818
 This publication serves as the warranty for the MVS JES3 3850 Mass Storage System.
 Flyer, 8 1/2 x 11 inches, 2 pgs, 4/77

GC23-0031

MVS/INFORMATION DISTRIBUTION WORKSTATION SUPPORT, LIC PROG 5740-AMA GENERAL INFORMATION
 This publication contains an overview of the program product, descriptions of the devices and programs supported and examples of how the program is used with them, and installation and system management information. This is a

planning manual for installation managers and system programmers with data processing systems running MVS and SNA.

The MVS/Information Distribution Workstation Support program product provides batch-oriented remote communications functions for the IBM 6670 Information Distributor with the systems network architecture (SNA) feature. The program extends System/370 OS/VS2 MVS host processor support to the IBM 6670 for document input, processing, and output.
 Manual, 8 1/2 x 11 inches, 2/79
 /////5740-AMA

GC23-0036

MVS INFORMATION DISTRIBUTION WORKSTATION SUPPORT, LIC PROG 5740-AMA, DESIGN OBJECTIVES
 No abstract available.
 /////5740-AMA

GC23-0037

SCP SPECIFICATION FOR OS/VS2 MVS JOB ENTRY SUBSYSTEM 3 (JES3) RELEASE 3 FOR MVS RELEASE 3.8
 This document describes JES3 Release 3 and its support of MVS Release 3.8.
 Flyer, 1 page, 3/79

GC23-0051

SUPPLEMENT FOR SUI8 TO MVS JES3 DEBUGGING GUIDE: JES3 MSS, 5752-818
 Provides information for use in debugging JES3 to program support representatives and system programmers whose installation supports the 3850 Mass Storage System.
 Manual, 8 1/2 x 11 inches, 204 pgs, 3/77
 /////5752-818

GC23-0055

SUPPLEMENT FOR SU25 TO MVS JES2 REL 4 COMMANDS: JES2 REL 4.1, 5752-825
 This is a supplement to base publication GC23-0007-0. It contains information in support of Release 4.1 of JES2.
 Manual, 8 1/2 x 11 inches, 68 pgs, 5/76
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GC23-0058

SUPPLEMENT FOR SU29 TO MVS JES3 DEBUG GUIDE: 3838 VPSS, 5752-829
 This is a supplement to base publication JES3 Debugging Guide, GC28-0703-1. It contains information in support of JES3 Release 2 (SU12) and JES3 3850 MSS (SU18).
 Manual, 8 1/2 x 11 inches, 11 pgs., 8/77
 /////5752-829

GC24-3337

OS RPG LANGUAGE SPECIFICATIONS, PROG. NO. 360S-RG-038
 This reference publication contains fundamentals of RPG programming and language specifications for the IBM System/360 Operating System RPG. Also included is the job setup information for executing RPG.
 Manual, 8 1/2 x 11, 348 pages
 360,370//28/OS,OTSO,CASP//

GC24-5082

DOS/VS TO OS/VS MANAGEMENT PLANNING GUIDE
 This planning guide is intended for use by installations preparing to make the transition from DOS/VS to OS/VS. It is designed to assist management in organizing a total plan for the transition project.
 Suggestions are included for management consideration that cover creation of a planning committee, planning for short and long-term objectives, staff education, organizational and operational considerations, standards, system planning, and program and file revision considerations.
 Manual, 8 1/2 x 11 inches, 28 pages, 6/78
 370//34//5745-010

GC24-5086

DOS OLTEP
 This reference publication describes the Disk Operating System (DOS) On-Line Test Executive Program (OLTEP) that controls online testing of I/O units under the DOS supervisor. It explains the functions of the program and gives procedures for running the test programs that are obtained from the IBM Customer Engineer.
 For titles and abstracts of associated publications, see the IBM System/360 and System/370 Bibliographies.
 Manual, 48 pages
 370//37/DOS//

GC24-5090

OS/VS1 PLANNING AND USE GUIDE
 This publication contains planning information about OS/VS1, to assist installation personnel who are responsible for the selection and evaluation of an operating system.
 The use part of the Guide contains information on implementing, modifying, or extending capabilities of

VS1 control program.

The information in the Planning part is presented in two major categories: Concepts and Considerations. The Concepts section describes the facilities, features supported, and principles of operation of VS1. The Considerations section contains suggestions on how to make the most effective use of the system. The test is supplemented by illustrations showing a representative job input stream, the scheduling sequence of the system, and examples of possible partition configurations for various sized systems.

The information in the Use part of the Guide is presented in self-contained sections, each dealing with a separate capability or function of the control program.

The publication is intended for people who are familiar with the concepts and operation of the IBM System/360 Operating System. Prerequisite reading should include the IBM System/370 Advanced Operating System, System Summary, GA22-7001, and its associated Technical Newsletters.

The Use part of the publication is intended for system programmers responsible for maintaining and updating the VS1 system.

Manual, 400 pages
//34//5741

GC24-5091

OS/VS1 PROGRAMMER'S REFERENCE DIGEST

This publication contains quick-reference information about the VS1 operating system. It is intended for experienced programmers and field support personnel. For the most part, definitions, restrictions, and limitations have been omitted. Information about program debugging and control blocks is not included in this publication.

This publication is divided into nine sections containing: general information; system information; supervisor information; data management information; JCL, operator commands, SMP, RES, and CRJE information; linkage editor and loader information; BTAM/TCAM/VTAM information; utilities and service aids information; and bibliographic information.

Linkage Editor and Loader Information
BTAM/TCAM/VTAM Information
Utilities and Service Aids Information
Bibliographic Information

Reference Summary, 3 1/2 x 6 1/2 inches, 390 pages
//36//5741

GC24-5092

OS/VS1 RELEASE 1 GUIDE

This manual summarizes Operating System, Virtual Storage Option 1 (OS/VS1) release 1 System Control Programming (SCP) components. It is in three parts:

Part 1 is a functional summary of new and changed features of OS/VS1, including new and changed system parameters, system generation information, and publication support.

Part 2 contains a module directory, and list of modules in the system and their status.

Part 3 provides: ordering and distribution procedures for release 1, hardware engineering change levels, program material shipped with the system, and optional material available.

The publication provides installation managers, system programmers, and IBM field engineering personnel with information useful for planning and implementing release 1.

Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

GC24-5093

OS/VS1 DEBUGGING GUIDE

This publication is written for those involved in debugging application and system programs. It contains material on how to start debugging, a section on functional information (system concepts) to help the reader see the system as a whole and to give some particularly useful concepts, and a section on output formats and uses in the debugging situation. A series of appendices provide additional reference information for convenience.

Manual, 168 pages
//37//5741

GC24-5094

OS/VS1 STORAGE ESTIMATES

This publication is intended for two types of users: System programmers, and problem programmers. It contains instructions, formulas, and charts that can be used to estimate the real, virtual, and auxiliary storage requirements for VS1. Real storage is system (hardware) storage and corresponds to main storage in other IBM operating systems. Virtual storage is an addressing storage concept that provides the installation with as many as 16,777,216 bytes of storage accessible to programs. Auxiliary storage is comprised of the input/output devices required to contain virtual storage, system residence libraries, job queues, spooled data sets, and work space required by control and processing programs.

Each type of user can use this publication differently.

o System programmers can use this publication to determine the amount of real, virtual and auxiliary storage that must be allocated during system generation or Initial Program Load.

o Problem programmers can use this publication to determine the sizes of partitions in virtual storage.

Manual, 240 pages, 7/75
//34//5741

GC24-5095

DOS AND DOS/VS TO OS/VS1 IMPLEMENTATION GUIDE

Provides reference information on altering DCS and DOS/VS programs and files to be compatible with the OS/VS1 system control program. It describes the similarities and differences between DOS and OS/VS1, thus helping programmers to:

o Modify existing DCS and DOS/VS programs and files only where needed, and
o Take advantage of OS/VS1 facilities not provided in DCS and DOS/VS

This manual includes many examples of equivalent DOS and DOS/VS and OS/VS1 coding. It also describes the use of the DOS emulator to effect a gradual transition from DOS to OS/VS1. The major topics in the manual are:

o System Generation
o Resource Allocation
o Performance Considerations
o Jcb Entry Subsystem (JES)
o Linkage Editor
o System Assembler
o Job Control Language
o Data Sets (Files)
o Data Management Macros
o Utilities
o Service Aids
o Telecommunications
o Emulation

The intended audience is system and application programmers in a DOS or DCS/VS installation making the transition to the OS/VS1 system control program. Readers should be familiar with DOS or DCS/VS its system facilities, and the DOS or DOS/VS versions of the compilers or assemblers used in the programs to be changed.

Prerequisite publications:

o DOS and DOS/VS TO OS/MPT, CS/MVT, CS/VS1 Management Planning Guide, GC24-5082
o CS/VS1 Planning and Use Guide, GC24-5090

Manual, 300 pages
370//34/DCS, //

GC24-5097

OS/VS1 RELEASE 2 GUIDE - PROG. NO. 5741-020

This manual summarizes Operating System, Virtual Storage Option 1 (OS/VS1) Release 2 System Control Programming (SCP) components. It is in four parts:

o Part 1 is a functional summary of new and changed features of OS/VS1, including new and changed system parameters and commands, system generation information, new hardware support, and publication support.
o Part 2 contains a module directory, with a list of system modules and their status.
o Part 3 contains ordering and distribution procedures and requirements for Release 2, hardware engineering change levels, program material shipped with the system, and optional programs available.
o Part 4 contains APAR lists, Program Symptom Index for corrected problems, and program temporary fix (PTF) information.

Manual, 220 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

GC24-5099

OS/VS1 JCL REFERENCE

This publication defines the facilities provided with the job control language and contains the information necessary to code job control language statements. It is intended for use by programmers who understand the concepts of job management and data management. Prerequisite publication:

OS/VS1 JCL Services, GC24-5100

Manual, 244 pages
//36//5741

GC24-5100

OS/VS1 JCL SERVICES

This publication describes the operating system services that can be requested by coding JCL (job control language) parameters. It is written for applications programmers with a basic knowledge of computer operating systems and some familiarity with JCL. Part 1 contains a brief overview of the nine JCL statements and an introduction to the organization of the services in the book. Part 2, which describes the use of JCL services, is divided into five sections: running your job; defining and describing data sets; special data sets; obtaining output; cataloged and in-stream procedures.

Not every service provided by JCL is described in the book. Included is a list of JCL services, showing the publication in which each is described, and the parameter, subparameter, or statement used to request it. JCL

parameters are discussed only in the context of requesting services. Complete parameter descriptions and syntax rules are in the Companion book. OS/VS1 JCL Reference, GC24-5099. Manual, 130 pages
//36//5741

GC24-5101

OS/VS IBM 3886 OPTICAL CHARACTER READER MODEL 1 REFERENCE
This publication is to be used as a reference book by system managers, application programmers, and system programmers. Included are descriptions of the Operating System/Virtual Storage 1 (OS/VS1) and the Operating System/Virtual Storage 2 (OS/VS2) support for the IBM 3886 under the Basic Sequential Access Method (BSAM).
Manual, 56 pages
//30//3886/5741,5742,5752

GC24-5102

OS/VS1 RELEASE 2.6 GUIDE
This publication provides a summary of changes to release 2 of the OS/VS1 SCP (Operating System/Virtual Storage Option 1 System Control Program). It provides installation managers, system programmers, and IBM field engineering personnel with information useful in planning for and implementing release 2.6. The publication is in four parts:
Part 1 contains a functional summary of new and changed features of OS/VS1 for release 2. This includes new hardware support, new and changed software support, system generation information, and publications support.

Part 2 contains a functional summary of new and changed features of OS/VS1 for release 2.6. This includes VSAM, DSS, programming notes and documentation notes.

Part 3 contains ordering and distribution procedures and requirements for release 2.6. This includes program material shipped with the system and optional material available.

Part 4 contains APAR lists, PTFs (Program Temporary Fixes) resolved, hardware engineering change levels, and publications support, all pertaining to release 2.6.

Manual, 68 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GC24-5103

OS/VS1 SUPERVISOR SERVICES AND MACRO INSTRUCTIONS
This book describes how to use the services of the OS/VS1 supervisor, the macro instructions used to request these services, and the linkage conventions used by the control program to provide these services.

It is primarily intended for programmers making use of assembler language.

Use of the book requires a basic knowledge of the operating system and of OS/VS assembler language.

Manual, 240 pages
//36//5741

GC24-5104

OS/VS1 MASTER INDEX OF SL PUBLICATIONS
The Master Index is a consolidation of the indexes of the system library publications of OS/VS1.
Items are listed alphabetically and refer to the manual that contains the original index entry. By going to the referenced manual's index, the page number of the item can be found.

This manual is also available in microfiche, order number GCB4-5104-1.
Manual, 464 pages (5/75)
//20//5741

GC24-5109

OS/VS DISKETTE COPY PROGRAMMING SUPPORT REFERENCE MANUAL, SCP 5744-BJ1,5744-BL1

This publication provides programming and operator information necessary for the installation and use of the OS/VS Diskette Copy Programming Support.

Manual, 20 pages
//30//5744-BJ1,5744-BL1

GC24-5110

OS/VS1 IBM 3540 PROGRAMMER'S REFERENCE

This manual contains information concerning the OS/VS1 support of the IBM 3540. Reader procedures, writer procedures, and the Diskette Maintenance utility are documented. It is primarily written for application programmers and system programmers, but contains information of interest to operators and installation management.

Manual, 35 pages
//30//3540/5741

GC24-5111

OS/VS2 IBM 3540 PROGRAMMER'S REFERENCE

This manual contains information concerning the OS/VS2 support of the IBM 3540. Reader procedures, writer procedures, reader/writer utilities, and the Diskette Maintenance Utility are documented. It is primarily written for application programmers and system programmers, but contains information of interest to operators and installation management.

Manual, 35 pages
//30//3540/5752

GC24-5115

OS/VS1 SYSTEM MANAGEMENT FACILITIES (SMF)

This publication assists installation managers and system programmers in planning for, installing, and using System Management Facilities (SMF). SMF collects and records accounting, data set, subsystem, system and volume information. It also has exits that can link to user-written routines for monitoring a job or job step.

This publication describes the basic SMF functions and the relationship of SMF to the operating system and to user-written exit routines. It also explains:

- How to include SMF and user-written exit routines in the operating system.
- The additional storage required by SMF.
- How to switch and dump the SMF data sets.
- How to plan, write and test exit routines.
- When each SMF record is written and the information contained in each record.

Manual

//34//5741

GC24-5116

OS/VS1 RELEASE 6 GUIDE

Describes the ordering and distribution procedures, special considerations, and change activity of Release 6 of the OS/VS1 SCP (Operating System/Virtual Storage Option 1 System Control Program). It provides installation managers, system programmers, and IBM Field Engineering personnel with information useful in planning for, and implementing this release.

The three chapters of this publication contain:

1. A functional summary of features available and devices supported in this release and special considerations for generating and running this release.
2. Ordering and distribution procedures for this release, including program material shipped with the system and optional material available.
3. A summary of change activity to the system, including APARs, PTFs resolved, engineering change levels, and publications.

Manual, 44 pgs, 11/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

GC24-5119

OS/VS1 VECTOR PROCESSING SUBSYSTEM RELEASE GUIDE, SUID 5741-606

This publication is for use by anyone involved in the OS/VS1 VPSB ordering process. It contains a VPSB/3838 overview, ordering information, and a list of the publications supporting the product.

Manual, 8 1/2 x 11 inches, 20 pgs, 9/77
//30//3838/5741

GC24-5120

IBM 3895 DOCUMENT IDENTIFICATION AND DESCRIPTION MACROS (DIDM) GENERAL INFORMATION, PROG PROD 5748-F12

This manual, addressed to installation management, planners, and system analysts, provides basic information on the macros that form the Document Identification and Description Macro (DIDM) support for the IBM 3895 Document Reader/Inscriber. Included is an example of identifying and describing a document using DIDM in contrast to machine level coding.

Manual, 20 pgs, 12/76
//5748-F12

GC24-5122

VECTOR PROCESSING SUBSYSTEM (VPBS) PLANNING GUIDE FOR OS/VS1 AND OS/VS2 MVS

This planning guide is for data processing managers, system programmers, and application programmers. It briefly describes the IBM 3838 Array Processor and describes in general terms the programming support provided under OS/VS1 and OS/VS2 MVS. The book is for planning only. The functions and capabilities described reflect current information.

Manual, 8 1/2 x 11 inches, 40 pgs, 2/77
//30//3838/

GC24-5123

OS/VS2 MVS VECTOR PROCESSING SUBSYSTEM RELEASE GUIDE

This publication is for use by anyone involved in the planning for or ordering of OS/VS2 MVS support for the IBM 3838 Array Processor. The manual contains an overview of the product, ordering information, and a list of supporting publications.

Manual, 8 1/2 x 11 inches, 12 pgs, 7/77
//30//3838/5752

GC24-5124

OS/VS2 MVS VECTOR PROCESSING SUBSYSTEM INSTALLATION AND OPERATION GUIDE

This publication is for use by IBM or customer planning and operation personnel. It describes system requirements, system generation, system initialization, monitor commands,

and monitor messages.

Manual, 8 1/2 x 11 inches, 60 pages, 7/77
 //30//3838/5752

GC24-5125

OS/VS1 AND OS/VS2 MVS VECTOR PROCESSING SUBSYSTEM PROGRAMMER'S GUIDE

The primary users of this publication are system programmers and application programmers. It contains a Vector Processing Subsystem overview, and describes how VPSS and the 3838 relate to OS/VS1 or OS/VS2 MVS. It describes VPSS subroutines, 3838 data formats, how to handle error conditions, and each of the 3838 algorithms.

Manual, 8 1/2 x 11 inches, 150 pages, 7/77
 //30//3838/5741,5752

GC24-5126

OS/VS1 VECTOR PROCESSING SUBSYSTEM INSTALLATION AND OPERATION GUIDE, SUID 5741-606

This publication is for use by IBM or customer planning and operation personnel. It describes system requirements, system generation, system initialization, monitor commands, and monitor messages.

Manual, 8 1/2 x 11 inches, 60 pgs, 9/77
 //30//3838/5741

GC24-5127

OS/VS1 SUBSYSTEM ATTACHMENT SUPPORT SUID 5741-606, SYSTEM INFORMATION

This publication contains a general description of the OS/VS1 Subsystem Attachment Support Selectable Unit. It discusses the mechanics provided for linking VS1 to subsystems, and for adding device support and user-written SVCs to the supervisor without integrating the support into the system.

This publication is intended for installation managers, system programmers, and other personnel planning to install the selectable unit on a VS1 system, or designing a subsystem or program product that will use the support provided by the selectable unit.

Manual, 8 1/2 x 11 inches, 40 pgs, 8/77
 //30//5741-606

GC24-5128

SUPPLEMENT TO OS/VS1 PROGRAMMER'S REFERENCE DIGEST: SUID 5741-606

This supplement provides replacement pages for the OS/VS1 Programmer's Reference Digest, GC24-5091-5 with TNL GN24-5525. It documents the OS/VS1 Subsystem Attachment Support impact to the Programmer's Reference Digest.

Manual, 3 3/4 x 6 3/4 inches, 8 pgs, 10/77
 //30//5741-606

GC24-5129

SUID 5741-606 SUPPLEMENT TO OS/VS1 SYSTEM MANAGEMENT FACILITIES

This supplement provides replacement pages for the OS/VS1 System Management Facilities, GC24-5115-1. It documents the OS/VS1 Subsystem Attachment Support impact to the System Management Facilities manual.

Manual, 8 1/2 x 11 inches, 20 pgs, 10/77
 //30//5741-606

GC24-5130

SUPPLEMENT TO VS1 JCL REFERENCE, GC24-5099 (SUID 5741-606)

VS1 SU6 (Selectable Unit 5741-606) provides a generalized linkage to subsystems. This supplement adds SU6 information to OS/VS1 JCL Reference.

Manual, 8 1/2 x 11 inches, 14 pages, 3/77
 //30//5741-606

GC24-5131

SUPPLEMENT TO VS1 JCL SERVICES FOR SU6 (SUID 5741-606)

This document contains a description of subsystem data sets used by VS1 SU6.

Manual
 //30//5741-606

GC24-5132

OPERATOR LIBRARY, OS/VS1 REFERENCE SUPPLEMENT, SUID 5741-606

This document adds SUBSYS to the list of acceptable DD keywords.

Manual, 8 1/2 x 11 inches, 8 pgs, 9/77
 //30//5741-606

GC24-5133

SU5 SUPPLEMENT TO OS/VS1 JCL REFERENCE, GC24-5099 (SU ID 5741-605)

VS1 SU5 (Selectable Unit ID 5741-605) provides enhancements for MSS. This supplement adds SU5 information to OS/VS1 JCL Reference.

Manual, 8 1/2 x 11 inches, 12 pgs, 3/77
 //30//5741-605

GC24-5134

SU5 SUPPLEMENT TO OS/VS1 JCL SERVICES (GC24-5100-3)

This supplement updates GC24-5100-3 with JCL documentation of the BIM 3850 Mass Storage System for MSS Release 3.

Manual, 8 1/2 x 11 inches, 8 pgs, 3/77
 //30//5741-605

GC24-5139

DOS/VSE MACRO USER'S GUIDE

This guide is for programmers intending to use the DCS/VS Input/Output Control System (IOCS) and the system control program macros. Chapters on file organization and concepts of access methods precede and provide background for discussions on the use of LIOCS macros to process files stored on DASD, diskette, magnetic tape, and unit record media. Device-independent system files and file processing by means of Physical IOCS (PIOCS) are also discussed. The use of the appropriate macros to obtain system control program (supervisor) functions are discussed for, among others, virtual storage control, program communications, multi-tasking, and program checkpointing.

Manual, 8 1/2 x 11 inches, 264 pages, 2/79
 Prerequisite publication: DOS/VSE Data Management Concepts.
 //30//5745-020

GC24-5140

DOS/VSE MACRO REFERENCE

This manual provides quick reference to data management and system control macro information for experienced programmers. For the most part, restrictions and programming details have been omitted in order to provide rapid access to the information in the book.

Included are sections containing descriptions of the IOCS declarative and imperative macros and the system control ("supervisor") macros. Within each section, the macros are arranged alphabetically for easy reference. Preceding these sections is a list of all the macros in the book, showing the operands valid for each one and serving as an index for the descriptions that follow.

Prerequisite publication: DOS/VSE Macro User's Guide.
 Manual, 8 1/2 x 11 inches, 160 pages, 2/78
 //30//5745-020

GC24-5141

DOS/VS VSAM-EXTENDED LICENSED PROGRAM DESIGN OBJECTIVES

This manual serves as a technical marketing tool and as the bases for the license agreement. It provides:

- Information on the design objectives for DOS/VS VSAM-E
- Information on the required operating environment
- The estimated availability date of DCS/VS VSAM-E Release 1.

Flyer, 4 pages, 1/79
 //30//5746-AM2

GC24-5142

DOS/VS VSAM-EXTENDED LICENSED PROGRAM SPECIFICATIONS

This manual serves as a basis for the warranty of DOS/VS VSAM-E Release 1 and also as a technical marketing tool. It provides information on the functions and the required operating environment of DCS/VS VSAM-E Release 1.

Flyer, 2 pages, 1/79
 //30//5746-AM2

GC24-5143

VSE/VSAM GENERAL INFORMATION

This manual provides a general, introductory description of DOS/VS VSAM-Extended. The intended audience is customer managers whose decisions will influence the use of VSAM-E, system and application programmers who will use VSAM-E in both new and existing programs, and others seeking an introduction to VSAM-E.

Manual, 56 pages, 7/79
 //30//5746-AM2

SC24-5144

USING VSE/VSAM COMMANDS AND MACROCS, LIC PROG 5746-AM2

This book describes and explains how to use and code VSE/VSAM's Access Method Services commands and macro instructions. Access Method Services commands provide utility functions that are vital to VSE/VSAM; the macro instructions are used to process data.

Manual, 480 pages, 1/79
 //30//5746-AM2

SC24-5145

VSE/VSAM PROGRAMMER'S REFERENCE LIC PROG 5746-AM2

This manual is for programmers who have chief responsibility for VSE/VSAM in an installation. This includes system programming and planning personnel who design and maintain the system. Information for the system operator is also included. The following topics are discussed: operating procedures, system generation, storage estimates, job control, catalogs, VSAM labels, ISAM Interface Program, performance guidelines, compatibility considerations, and data protection.

Manual, 140 pages, 2/79
 //30//5746-AM2

GC24-5147

DOCUMENT IDENTIFICATION AND DESCRIPTION MACROS (DIDM) FOR THE IBM 3895 - SPECIFICATIONS, PROG PROD 5748-F12
This specification serves as the basis for the warranty of DIDM for the IBM 3895. It defines the programming service provided and the programming systems and storage requirements.
Flyer, 8 1/2 x 11 inches, 1 page, 6/77
/////5748-F12

GC24-5148

SU4 SUPPLEMENT TO OS/VS1 PROGRAMMER'S REFERENCE DIGEST (SU ID 5741-604)
This Supplement contains replacement pages for GC24-5091-5 with TNL GN24-5525. It documents the 3895 Document Reader/Inscriber impact to the Programmer's Reference Digest.
Manual, 3 3/4 x 6 3/4 inches, 12 pgs, 3/77
/////5741-604

SC24-5149

SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS SUPERVISOR & MACROS, 5746-XE2
This supplement contains changed pages to DOS/VS Supervisor and I/O Macros, GC33-5373-5, for Advanced Functions - DOS/VS, Release 34. It describes the use and format of the CFCLOSE macro, used to issue a CP CLOSE command to VM/370 in order to release a print or punch file for output.
Manual, 8 1/2 x 11 inches, 12 pgs, 4/77
/////5746-XE2

SC24-5150

IBM 3895 DOCUMENT IDENTIFICATION AND DESCRIPTION MACROS (DIDM) USER'S REFERENCE, PROG PROD 5748-F12
This manual contains the information that allows the user to code the Document Identification and Description Macros for the IBM 3895 Document Reader/Inscriber.
Manual, 8 1/2 x 11 inches, 56 pgs., 7/77
/////3895/5748-F12

GC24-5151

OPERATING SYSTEM/VIRTUAL STORAGE 1 (OS/VS1) RELEASE 6 SYSTEM CONTROL PROGRAMMING SPECIFICATIONS
IBM's official published specifications to which OS/VS1 Release 6 programming is warranted.
Flyer, 8 1/2 x 11 inches, 2 pgs, 10/77

GC24-5152

SU4 SUPPLEMENT TO OS/VS1 DEBUGGING GUIDE, (GC24-5093-4) SU ID 5741-604
This supplement provides UCB Sense Byte information for the OS/VS1 IBM 3895 Support Selectable Unit.
Manual, 8 pgs, 3/77
/////5741-604

GC24-5155

OS/VS1 SUBSYSTEM ATTACHMENT SUPPORT SU ID 5741-606 SYSTEM CONTROL PROGRAMMING SPECIFICATIONS
IBM's official published specifications to which OS/VS1 SU6 programming is warranted.
Flyer, 8 1/2 x 11 inches, 2 pgs, 10/77

GC24-5156

IBM 3895 OS/VS2 PROGRAMMING SUPPORT SPECIFICATIONS
IBM's official published specifications to which the IBM 3895 OS/VS2 SVS programming is warranted.
Flyer, 8 1/2 x 11 inches, 2 pgs, 10/77

GC24-5157

IBM 3895 OS/VS2 MVS PROGRAMMING SUPPORT SPECIFICATIONS, SUID 5752-830
IBM's official published specifications to which the IBM 3895 OS/VS2 MVS programming is warranted.
Flyer, 8 1/2 x 11 inches, 2 pgs, 10/77

GC24-5158

IBM 3895 OS/VS1 PROGRAMMING SUPPORT SPECIFICATIONS, SUID 5741-604
IBM's official published specifications to which the IBM 3895 OS/VS1 programming is warranted.
Flyer, 8 1/2 x 11 inches, 2 pgs, 10/77

GC24-5171

OS/VS1 3031, 3032, 3033 PROCESSOR SUPPORT, SUID 5741-620, SYSTEM INFORMATION
This publication contains a general description of the OS/VS1 3031, 3032, 3033 Processor Support SU (selectable unit). It is intended for installation managers, system programmers, and other personnel planning to install the selectable unit on a VSI system. A basic knowledge of VSI is assumed.
This publication contains these major parts:
• Introduction - Contains an overview of the selectable unit.
• Planning - Lists the machine and programming requirements for the selectable unit. Gives techniques for estimating additional system storage requirements.
• Publications - Lists the publications that support the selectable unit.
Manual, 8 1/2 x 11 inches, 12 pages, 3/78
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GC24-5172

SYSTEM CONTROL PROGRAMMING SPECIFICATIONS FOR OS/VS1 3031, 3032, 3033 PROCESSOR SUPPORT, SUID 5741-620
This document constitutes IEM's official published specifications to which the OS/VS1 3031, 3032, 3033 Processor Support Selectable Unit is warranted as provided in IBM's agreements for lease, rental, or purchase of IEM machines.
Flyer, 8 1/2 x 11 inches, 2 pages, 3/78

GC24-5181

OS/VS2 MVS VECTOR PROCESSING SUBSYSTEM SYSTEM CONTROL PROGRAMMING SPECIFICATIONS
A brief description of functions, prerequisites, and system requirements. It is a basis for IBM's product warranty.
Flyer, 8 1/2 x 11 inches, 1 page, 3/78

GC24-5182

OS/VS1 VECTOR PROCESSING SUBSYSTEM SPECIFICATIONS, SUID 5741-606
A brief description of functions, prerequisites, and system requirements, this document is a basis for IBM's product warranty.
Flyer

GC24-5183

OS/VS1 RELEASE 6.7 GUIDE, LIC PROG 5741-VS1
This book summarizes what makes VS1's Release 6.7 different from Release 6. The four chapters contain:
1. A functional summary of the selectable units that have been integrated into Release 6.7.
2. Installation and system generation considerations, including the Installation Productivity Option (IPO).
3. A list of all current VSI SRLs and PLMs.
4. Ordering and distribution procedures for this release, including program material shipped with the system and optional material available.
Manual, 36 pages, 1/79
//34//5741

GC24-5188

OS/VS1 RELEASE 6.7 SYSTEM CONTROL PROGRAM SPECIFICATIONS PROGRAM NUMBER 5741-VS1
This document constitutes "IEM's official published specifications" to which OS/VS1 Release 6.7 is warranted.
Flyer, 8 1/2 x 11 inches, 2 pages, 12/78

GC24-5189

DOS/VS VSAM-EXTENDED LICENSED PROGRAM DESIGN OBJECTIVES
This manual serves as a technical marketing tool and as the basis for the license agreement. It provides:
- Information on the design objectives for DOS/VS VSAM-E
- Information on the required operating environment
- The estimated availability date of DOS/VS VSAM-E Release 2.
Flyer, 4 pages, 1/79
/////5746-AM2

GC24-5193

OS/VS1 INFORMATION DISTRIBUTION WORKSTATION SUPPORT, LIC PROG 5740-XYE, GENERAL INFORMATION
This manual, intended for system analysts and planners, provides basic information to use in evaluating and planning for installation of OS/VS1 Information Distribution Workstation Support program product. It includes information on new device support, added functions, RES operational changes, machine and programming requirements, and installation instructions.
Manual, 8 1/2 x 11 inches, 20 pages, 2/79
/////5740-XYE

GC24-5195

VIRTUAL MACHINE FACILITY/370: VM/INTERACTIVE FILE SHARING FOR CMS, LIC PROG 5748-XXC, GENERAL INFORMATION
This publication contains a high level description of VM/Interactive File Sharing. Its purpose is to assist both customers and IBM representatives with marketing and planning activities. The information is directed at anyone involved in making decisions about the usefulness of IFS for an installation. It is not intended to be used as a reference manual for programming or operating activities.
Manual, 8 1/2 x 11 inches, 30 pages, 1/79
/////5748-XXC

SC24-5196

VIRTUAL MACHINE FACILITY/370 VM/INTERACTIVE FILE SHARING, LIC PROG 5748-XXC, GUIDE AND REFERENCE
This manual contains the information an (VM/Interactive File Sharing) user needs to:
• Create shared files.
• Maintain shared files.
• Write and execute IFS application program CALL statements.
It describes IFS functional components, commands, and messages, and includes examples of application programs that use IFS.
Manual, 8 1/2 x 11 inches, 125 pages, 4/79
/////5748-XXC

GC24-5197

VIRTUAL MACHINE FACILITY/370 DISPLAY MANAGEMENT SYSTEM FOR CMS, LIC PROG 5748-XXE, GENERAL INFORMATION
This publication contains information about the IBM Virtual Machine Facility/370 Display Management System for CMS Program Product. It is intended for both customers and IEM

representatives involved with marketing or planning. This publication assists those involved in making decisions about the usefulness of DMS/CMS for an installation. It is not intended to be used as a reference manual for programming or operating activities.
Manual, 8 1/2 x 11 inches, 30 pages, 1/79
/////5748-XXB

GC26-3758

OS ASSEMBLER B GENERAL INFORMATION MANUAL, PROG. #5734-AS1
Assembler B is a new assembler-language processor that extends the basic assembler language and the macro and conditional-assembly language. It is designed to perform high-speed assemblies on IEM System/360 Models 40 and larger that have at least 256K bytes of main storage. This publication describes the language extensions. It also provides information on system requirements and performance estimates. This manual is designed to aid both planning and programming personnel. The reader is assumed to be familiar with the assembler language and with macro and conditional-assembly language processing.
Manual, 42 pages
/////5734-AS1

SC24-5198

VIRTUAL MACHINE FACILITY/370 DISPLAY MANAGEMENT SYSTEM FOR CMS, LIC PROG 5748-XXB, GUIDE AND REFERENCE
This manual is intended for all users of the Display Management System for CMS. No programming language knowledge is needed to use the Panel Formatting Function and that section is written as a guide for a non-programmer, with many examples and figures. The Panel Management Function requires knowledge of a programming language or CMS EXECs, and it is written as a reference for a programmer. In addition, there are sections on Problem Determination and System Programmer considerations for those who install and maintain the Display Management System for CMS.
Manual, 8 1/2 x 11 inches, 80 pages, 3/79
/////5748-XXB

SC26-3759

OS ASSEMBLER B PROGRAMMER'S GUIDE, PROG. NO. 5734-AS1
This book tells how to use Assembler B. It describes assembler options, cataloged Job Control Language procedures, assembler listing and output, sample programs, and programming techniques and considerations. Assembler B is an assembler-language processor for the IBM System/360 Operating System. It performs high-speed assemblies on an IBM System/360 Model 40 or higher with at least 256K bytes of main storage. This book is intended for all Assembler B programmers. It should be used in conjunction with the OPERATING SYSTEM ASSEMBLER LANGUAGE MANUAL, Order Number GC28-6514; the ASSEMBLER B LANGUAGE SPECIFICATIONS, Order Number GC26-3771; and the ASSEMBLER B MESSAGES, Order Number SC26-3770. Systems Reference Library Manual, 52 pages
/////5734-AS1

GC24-5199

VIRTUAL MACHINE FACILITY/370 VM/INTERACTIVE FILE SHARING, LIC PROG 5748-XXC, SPECIFICATIONS
This document serves as a warranty for the VM/Interactive File Sharing licensed program. It provides information about the functions of Interactive File Sharing, and states the specified operating environment.
Flyer, 8 1/2 x 11 inches, 2 pages, 4/79
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SC26-3768

OS ASSEMBLER B SYSTEM INFORMATION, PROG. NO. 5734-AS1
IBM System/360 Operating System Assembler B System Information Program Number 5734-AS1 was designed to improve many features of Assembler B, and has expanded capabilities as a macro assembler for both system and user defined macro languages. This publication describes installation considerations and system-generation procedures for Assembler B, and is intended primarily for programmers responsible for installing the assembler. This manual is divided into three independent chapters:

- o Performance Estimates,
- o Storage Estimates, and
- o System Generation.

Program Product Manual, 44 pages
/////5734-AS1

GC24-5200

DISPLAY MANAGEMENT SYSTEM FOR CMS, LIC PROG 5748-XXB, SPECIFICATIONS
These are the Licensed Program Specifications for the Display Management System for CMS. Included are machine and programming requirements, and warranty information.
Flyer, 2 pages
/////5748-XXB

GC24-5204

OS/VS2 (MVS) VECTOR PROCESSING SUBSYSTEM (VPSS) SYSTEM CONTROL PROGRAM SPECIFICATIONS
This is a brief description of functions, prerequisites, and system requirements. It is a basis for IBM's product warranty.
Flyer, 8 1/2 x 11 inches, 1 page, 3/79

GC24-5205

OS/VS1 VECTOR PROCESSING SUBSYSTEM (VPSS) SYSTEM CONTROL PROGRAM SPECIFICATIONS
This is a brief description of functions, prerequisites, and system requirements. It is a basis for IBM's product warranty.
Flyer, 8 1/2 x 11 inches, 1 page, 3/79

SC26-3770

OS ASSEMBLER B MESSAGES, PROG. NO. 5734-AS1
This book describes the assembly error diagnostic messages and the abnormal assembly termination messages issued by Assembler B. Assembler B is an assembler-language processor for the IEM System/360 Operating System. It performs high-speed assemblies on an IBM System/360 Model 40 or higher with at least 256K bytes of main storage. This book is intended for all Assembler B Programmers. It should be used in conjunction with the OPERATING SYSTEM ASSEMBLER LANGUAGE MANUAL, Order Number GC28-6514; the ASSEMBLER B LANGUAGE SPECIFICATIONS, Order Number GC26-3771; and the ASSEMBLER B PROGRAMMER'S GUIDE, Order Number SC26-3759. For each error message, this book describes the number and text of the message, the explanation of the error, the assembler's handling of the error, and the programmer's response to correct the error. The introduction to this book describes the format, content, and placement of the error messages.
Systems Reference Library Manual, 70 pages
/////5734-AS1

GC26-3734

IBM SYSTEM/360 OPERATING SYSTEM TIME SHARING OPTION: TSO ASSEMBLER PROMPTER DESIGN OBJECTIVES, PROGRAM 5734-CP2
This Program Product Design Objectives (PPDO) describes the design objectives and provides the estimated availability date of the subject Program Product.
Design Objectives, 2 pages
/////5734-CP2

GC26-3735

OS ASSEMBLER B, PROG. PROG. 5734-AS1 DESIGN OBJECTIVES
Assembler B is a high-performance assembler language processor for the IBM System/360 Operating System. This document contains the design objectives for Assembler B support of System/370.
Design Objectives Sheet, 1 page
/////5734-AS1

GC26-3771

OS ASSEMBLER B LANGUAGE, PROG. NO. 5734-AS1
This manual provides language specifications for the IEM System/360 Operating System Assembler B. Primarily intended as a reference manual for assembler-language programmers, it is designed to be used in conjunction with IEM SYSTEM/360 OPERATING SYSTEM ASSEMBLER LANGUAGE, Order Number GC28-6514. Sections 2 - 5 of this manual describes assembler language extensions. Sections 6-10 of this manual describe extensions to the macro language.
Program Product Manual, 54 pages
/////5734-AS1

SC26-3740

OS TSO ASSEMBLER PROMPTER USER'S GUIDE, PROG. NO. 5734-CP2
The assembler prompter is a program product that makes it easy to call Assembler B from a terminal. The prompter, which is a command processor, operates only under the Time Sharing Option (TSO) of the IBM System/360 Operating System. This book is for the assembler-language programmer who wants to use TSO to write, assemble, and execute programs from a terminal using the assembler prompter. Section 1, which supplements the manual IBM SYSTEM/360 OPERATING SYSTEM: TIME SHARING OPTION TERMINAL USER'S GUIDE (GC28-6763), explains how to use the ASM command by itself to assemble source code and obtain object code for existing source code. It also explains how to use ASM as an operand of the RUN command and of the RUN subcommand of the EDIT command to assemble, load, and execute assembler-language source code. Section 2, which supplements the book IBM SYSTEM/360 OPERATING SYSTEM: TIME SHARING OPTION COMMAND LANGUAGE REFERENCE (GC28-6732), describes the format of the ASM command and lists the operands, with a brief description of each, in alphabetic order.
System Reference Library, 30 pages
/////5734-CP2

GC26-3791

OS/VS1 SYSTEM GENERATION REFERENCE
This publication provides the information for generating an OS/VS1 System Control Program adapted to both the machine configuration and data processing requirements of an installation. It is intended for people who plan and select components for an OS/VS1 System Control Program and install it. This publication contains the information necessary to:

- o Plan the OS/VS1 System Control Program
- o Prepare for the generation of an OS/VS1 System

Control Program

- o Execute system generation
- o Test the system that has been generated
- o Restart system generation

In addition, this publication contains:

- o Guidelines for performing a system generation using a starter system
- o Examples of a complete, nucleus, and I/O device generation
- o The types of system generation messages produced

In using this publication, a knowledge of the information contained in the following publications is required:

- OS/VS1 Planning and Use Guide, GC24-5090
- IBM System/360 System Summary, GA22-7001
- OS/VS1 Storage Estimates, GC24-5094.

Manual, 242 pages
//34///5741

GC26-3792

OS/VS2 SYSTEM GENERATION REFERENCE

This publication is intended for system programmers who are to plan for and install an OS/VS2 system control program and a JES2 job entry subsystem.

This publication contains the information necessary to:

- o Plan for an OS/VS2 system control program and a JES2 job entry subsystem
- o Prepare for system generation and JES2 generation
- o Perform a system generation and a JES2 generation
- o Restart system generation if errors occur
- o Test the newly installed OS/VS2 system control program

In addition, this publication contains:

- o Guidelines for performing a system generation using a starter system
- o The information needed to generate JES2 multi-leaving remote terminal processor programs for job entry from remote terminals
- o Examples of parameter specifications for a complete system generation, on I/O device generation, and a JES2 generation
- o The types of system generation and JES2 generation messages produced during processing

In using this publication, a knowledge of the information contained in the following publications is required:

- Introduction to OS/VS2 Release 2, GC28-0661
- OS/VS2 Planning Guide for Release 2, GC28-0667
- OS/VS2 Release 2 Guide, GC28-0671

Manual, 250 pages
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GC26-3795

OS/VS TAPE LABELS

This publication describes how VS processes magnetic tape volumes with IBM standard labels, American National Standard labels, nonstandard labels, or no labels. Included for the guidance of programmers and operations analysts are discussions of:

- o Label formats and contents
- o Tape volume layouts
- o Label processing for input, output, multiple data set, and multiple volume conditions
- o Tape characteristics
- o Nonstandard label processing routines and volume label editor routines
- o Component considerations
- o Using tape volumes created by other systems
- o External labels

Manual, 140 pages
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GC26-3813

OS/VS LINKAGE EDITOR AND LOADER

This publication provides the information necessary to use the linkage editor or loader program to prepare the output of a language translator for execution. The intended audience is a customer applications programmer coding in a higher-level language or a system programmer responsible for installing and maintaining the system. An introductory knowledge of the concepts and facilities of OS/VS is required to use this reference guide effectively.

The linkage editor combines and edits modules to produce a single module that can be brought into real storage by program fetch for execution. It operates as a processing program rather than as part of the control program. The linkage editor provides several processing facilities that are either performed automatically or invoked in response to control statements prepared by the programmer.

The loader combines the basic editing and loading functions of the linkage editor and program fetch in one job step. It is designed for high-performance loading of modules that do not require the special processing facilities of the linkage editor and fetch, such as overlay. The loader does not produce load modules for program libraries.

Manual, 195 pages
//31///5741

GC26-3819

OS/VS VIRTUAL STORAGE ACCESS METHOD (VSAM) CPTIONS FOR ADVANCED APPLICATIONS

This publication is intended for system programmers who develop utility programs and system control programs using OS/VS VSAM.

VSAM is an access method for use with direct-access storage devices. It provides macros for gaining access to data. Its companion service program, Access Method Services, provides commands for working with data sets and catalogs.

This publication explains options of OS/VS VSAM for advanced applications in system programming. It tells how to gain access to the contents of a control interval instead of to individual data records; how to process the records of a VSAM index; and how to build the parameter lists of the GENCB, MODCB, SHOWCB, and TESTCB macros.

Prerequisite publication: OS/VS Virtual Storage Access Method (VSAM) Programmer's Guide, GC26-3838.
Manual, 30 pages
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GC26-3829

INTRODUCING THE IBM 3800 PRINTING SUBSYSTEM AND ITS PROGRAMMING

The IBM 3800 Printing Subsystem is a non-impact, high-speed, general-purpose system printer that uses an electrophotographic process to print on single-ply computer output paper. This book briefly introduces the 3800 and its programming support. The intended audience is data processing installation managers and system analysts planning for the 3800, and others seeking an introduction to it.

New Functions available with the 3800 include:

- Printing with any two (or any four if optional character generation storage is added) of 20 different character sets intermixed for the same data set, and the ability to change these character sets between data sets without operator intervention. Character sets are available in 10, 12, and 15 pitch.
- Printing with a vertical line spacing of 6, 8, or 12 lines per inch, or an intermix of these on the same page.
- Multiple copies can be printed on single-ply paper under program control.
- Forms overlay permits printing of specialized forms as data is being printed.
- Copy modification permits changing or suppressing printing of selected data from copy to copy when multiple copies are being printed.
- Graphic character modification allows the substitution or extension of graphic characters in an already-defined character set.

Manual, 40 pages
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GC26-3830

OS/VS2 SYSTEM PROGRAMMING LIBRARY: DATA MANAGEMENT

This book provides information on how to modify and extend the data management capabilities of the OS/VS2 system control program; the intended audience is system programmers.

Some topics included are:

- o Using catalog management macro instructions
 - o Maintaining the volume table of contents
 - o Executing your own channel programs
 - o Using XDAP to read from and write to direct-access devices
 - o Password protecting your data sets
- example, access method services, job control language, utility programs, access method routines) to do each of the example, access-method services, job control language, utility programs, access-method routines) to do each of the preceding. The information presented in this book (consisting of macro specifications and how to information) is intended to allow a flexible use of the data management capabilities of OS/VS2.

Other topics presented are:

- o Using system macro instructions to refer to, validate, and modify system control blocks
- o Adding to the image library and retrieving FCB images

Readers are expected to understand how to:

- o Code programs in assembler language as described in OS/VS and DOS/VS Assembler Language, GC33-4010
 - o Use the standard linkage conventions as described in OS/VS2 Supervisor Services and Macro Instructions, GC28-0683.
 - o Maintain the Catalog and VIOC as described in OS/VS Access Method Services, GC26-3836, OS/VS Utilities, GC35-0005, and OS/VS Data Management Services Guide, GC26-3783.
 - o Use the access method to do input/output using the data management macros as described in OS/VS Data Management Services Guide, GC26-3783, and OS/VS Data Management Macro Instructions, GC26-3793.
 - o Protect data sets as described under "IEBPROGM" in OS/VS Utilities, GC35-0005.
- The dash-3 level includes support for SUs 8, 10, 18, 30, 32, 60.
Manual, 116 pages

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GC26-3835

OS/VS VIRTUAL STORAGE ACCESS METHOD (VSAM) SYSTEM INFORMATION

This publication provides information on the release of OS/VS Virtual Storage Access Method (VSAM) as an independent component of OS/VS1, Release 2, and OS/VS2, Release 1.6. This publication describes the OS/VS VSAM distribution tape, provides detailed information on the installation of OS/VS VSAM, and provides information that temporarily supplements other OS/VS publications.

This publication is directed to system programmers who are responsible for installing and maintaining OS/VS VSAM and to application programmers who are using OS/VS VSAM.

The following publications are required for use with this publication:

- o OS/VS Virtual Storage Access Method (VSAM) Programmer's Guide, GC26-3818, which provides a complete description of the macro instructions used to code a program to process a VSAM data set.
- o OS/VS Access Method Services, GC35-0009, which provides a complete description of commands used to define, delete, load, and alter a VSAM data set.

Manual, 120 pages
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GC26-3837

OS/VS1 DATA MANAGEMENT FOR SYSTEM PROGRAMMERS

Provides information on how to modify and extend the data management capabilities of the OS/VS1 system control program; the intended audience is system programmers. Some topics included are:

- o Maintaining the system catalog
- o Maintaining the Volume Table of Contents
- o Executing Your Own Channel Programs
- o Using XDAP to Read from and Write to Direct-Access Devices
- o Password Protecting Your Data Sets

The OS/VS1 system control program provides simpler ways (for example, job control language, utility programs, access method routines) to do each of the preceding. The information presented in this book (consisting of macro specifications and how-to information) is intended to provide greater flexibility of implementation methods. Other topics presented are:

- o Using system macro instructions to refer to, validate, and modify system control blocks
- o Adding a UCS image or FCB image to the system image library

This book makes reference to the DEB validity checking (DEBCHK) macro instruction and the authorized program. Readers are expected to understand how to:

- o Code programs in assembler language as described in OS/VS and DOS/VS Assembler Language, GC33-4010
- o Use the standard linkage conventions as described in OS/VS1 Supervisor Services and Macro Instructions, GC24-5103.
- o Maintain the catalog and VTOC as described in OS/VS1 JCL Services, GC24-5100, OS/VS Utilities

GC35-0005 and OS/VS Data Management Services Guide, GC26-3783.

- o Use the access method to do input/output using the data management macros as described in OS/VS Data Management Services Guide, GC26-3783 and OS/VS Data Management Macro Instructions, GC26-3793.
- o Protect data sets as described under "IEHPRGM" in OS/VS Utilities, GC35-0005.

Manual, 124 pages
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GC26-3838

OS/VS VIRTUAL STORAGE ACCESS METHOD (VSAM) PROGRAMMER'S GUIDE

This publication is intended for system and application programmers who use OS/VS VSAM with assembler language. It is also intended for higher level language programmers who want to convert indexed-sequential data sets to VSAM's format and to use ISAM interface.

VSAM is an access method for use with direct-access storage devices. It provides macros for gaining access to data. Its companion service program, Access Method Services, provides commands for working with data sets and catalogs.

This publication introduces programmers to OS/VS VSAM, guides them in using it, and serves as a reference. It tells how to code programs to gain access to data stored in VSAM format. Prerequisite publications:

- OS/VS Data Management Services Guide, GC26-3783
- OS/VS1 JCL Reference, GC24-5099
- OS/VS2 JCL, GC28-0692

Manual, 125 pages
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GC26-3840

OS/VS1 ACCESS METHOD SERVICES

This publication is intended for system and application programmers who want to establish and maintain VSAM data sets using OS/VS1 Access Method Services

Access Method Services is a multifunction service program that allows you to define data sets, alternate indexes, and catalogs, to alter or delete catalog entries, to copy and print data sets, to make a data set or catalog portable

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between systems, and to provide for catalog recovery.

This publication introduces programmers to Access Method Services, guides them in using it, and serves as a reference. It also provides the background information about VSAM that is required to make effective use of Access Method Services. It tells how to code Access Method Services commands to establish and maintain data sets. It also provides general information about how to optimize VSAM's performance and how to use VSAM's security and integrity features through the values specified in Access Method Services commands.

Prerequisite publications:

- OS/VS Virtual Storage Access Method (VSAM) Programmer's Guide, GC26-3838
- OS/VS Data Management Services Guide, GC26-3783
- OS/VS1 JCL Reference, GC24-5099
- OS/VS1 System Generation Reference, GC26-3791

Operator's Library: OS/VS1 Reference, GC38-0110
Manual, 290 pages
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GC26-3841

OS/VS2 ACCESS METHOD SERVICES

This publication applies to release 3 and is intended for system and application programmers who want to establish and maintain VSAM data sets using Access Method Services. Access Method Services is a System/370 OS/VS2 MVS multifunction service program that allows you to define data sets and catalogs to list catalogs, to alter or delete catalog entries, to copy and print data sets, to load and reload catalogs for backup, to make a data set or catalog portable between systems, to convert OS catalog entries into entries in an existing VSAM catalog in an OS/VS2 system, and to list tape volumes that were mounted at the time of a checkpoint.

This publication introduces programmers to Access Method Services, guides them in using it and serves as a reference. It also provides the background information about VSAM that is required to make effective use of Access Method Services. It tells how to code Access Method Services commands to establish and maintain data sets. It also provides general information about how to optimize VSAM's performance and how to use VSAM's security and integrity features through the values specified in Access Method Services commands.

Prerequisite publications:

- OS/VS Virtual Storage Access Method (VSAM) Programmer's Guide, GC26-3838
- OS/VS Data Management Services Guide, GC26-3783
- OS/VS2 JCL, GC28-0692
- OS/VS2 System programming Library: System Generation Reference, GC26-3792

Operator's Library: OS/VS2 Reference (JES2), GC38-0210
Manual, 290 pages
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GC26-3842

PLANNING FOR ENHANCED VSAM UNDER OS/VS

VSAM (Virtual Storage Access Method) is an access method of OS/VS (Operating System/Virtual Storage). This book enables prospective users to prepare for VSAM and describes for current users the enhanced functions and capabilities that improve VSAM's performance and make it a more versatile access method for a wider range of applications.

The intended audience is data processing managers whose decisions will influence the use of VSAM, system and application programmers who will use VSAM in new and existing programs, and others seeking an introduction to VSAM.

The reader is expected to be familiar with basic concepts such as access method, direct access storage, and the distinctions between data set organization and data set processing. Appropriate sections of OS/VS Data Management Services Guide, GC26-3783, are suitable for preparatory reading.

Manual, 100 pages
//30//5752,5741

GC26-3845

OS/VS2 ENHANCED VSAM SYSTEM INFORMATION OS/VS2 ENHANCED VSAM ICR

This publication provides information on the release of OS/VS2 Enhanced Virtual Storage Access Method (VSAM) as an independent component release of OS/VS2, Release 3; the publication does not apply to VSAM support that is integral to Release 3.

This publication describes the OS/VS2 Enhanced VSAM distribution tape, provides detailed information on the installation of OS/VS2 Enhanced VSAM, and provides information that temporarily supplements other OS/VS publications.

This publication is directed to system programmers who are responsible for installing and maintaining OS/VS2 Enhanced VSAM and to application programmers who are using OS/VS2 Enhanced VSAM.

The following publications are required for use with this publication:

- o OS/VS Virtual Storage Access Method (VSAM) Programmer's Guide, GC26-3838, which provides a complete description of the macro instructions used to code a program and to process an Enhanced VSAM data set.
- o OS/VS2 Independent Component: Access Method Services, GC26-3843, which provides a complete description of commands used to define, delete, load, and alter an Enhanced VSAM data sets.

This publication supplements the information in:

- o OS/VS System Programming Library: Storage Estimates, GC28-0604.
- o OS/VS System Management Facilities (SMP), GC35-0004 Manual, 80 pages
//30//5752

GC26-3846

IBM 3800 PRINTING SUBSYSTEM PROGRAMMER'S GUIDE

This book provides:

- o Planning and conversion information for the IBM 3800 Printing Subsystem. The intended audience is data-processing managers, system planners, and system programmers planning to incorporate a 3800 into computer installations.
- o Information on how to use the 3800. This is intended for application programmers and system programmers who will be using the 3800 Printing Subsystem.

There is no prerequisite reading for this publication, although a basic knowledge of computers and system printers is assumed.

Manual, 148 pages, 12/75
//30//3800/5741,5752

GC26-3847

APL LANGUAGE REFERENCE MANUAL

This publication is a language reference for users of the APL language. The systems under which the APL language is provided are VS APL (program Number 5748-AP1), APL Shared Variables (APLSV) Version 3, PRPQ MG6282 (Program Number 5799-AQC), and the IBM 5100 Portable Computer, Models A and C. APL is an interactive, general-purpose programming language designed for use in many disciplines and applications. Differences among the APL systems served by this manual, such as reading and writing data sets and using the auxiliary processors provided with each system, are provided in APL Shared Variables (APLSV) Version 3 User's Guide, SH20-9087, VS APL for CMS: Terminal User's Guide, SH20-9067, IBM 5100 APL Reference Manual, SA21-9213, and VS APL for VSPC: Terminal User's Guide, SH20-9066.

Manual, 132 pgs, 2/78
/////5799-AJP, 5799-AQC, 5748-AP1

GC26-3855

OS/VS AND DOS/VSE ANALYSIS PROGRAM-1 (AP-1) USER'S GUIDE

This publication is intended for operators whose systems include the IBM 3344 or IBM 3350 Direct-Access Storage. The material introduces operators and programmers to Analysis Program-1 (AP-1), its operating procedures, and its output. The material is presented in general terms and assumes that the reader knows how to operate his computer system.

AP-1 is a utility program for use with the 3344 and 3350. AP-1 examines the drive and the user's data to determine if there are errors. When AP-1 detects an error, it prints a message to the operator and prints diagnostic information on the system's printer.

Manual, 3/76
//32//3344, 3350/5741, 5752, 5745-020, 5742

GC26-3856

OS/VS2 SVS INDEPENDENT COMPONENT: IBM 3350 & 3340/3344 REFERENCE

This book describes the OS/VS Release 1.7 SVS Independent Component Release (ICR) to support the IBM 3350 and 3340/3344 Direct Access Storage (Program number 5742-017). It is published instead of a series of Technical Newsletters (TNLS) to the OS/VS2 SVS library. The book will help system programmers install the ICR, convert data for use with the 3350 or 3340/3344, initialize volumes for storing data on these devices, and code and debug programs that process data stored on these devices. It also includes information to help an operator run an SVS system that includes this ICR.

Required publications are: Reference Manual for IBM 3350 Direct Access Storage, GA26-1638, Reference Manual for IBM 3340/3344 Disk Storage, GA26-1619, 3340/3344 Installation and Conversion Guide, GC20-1780, and OS/VS System Modification Program (SMP), GC28-0673.

Manual, 4 pages, 6/76
//30//3350, 3340, 3344/5742

GC26-3857

IBM VS COBOL FOR OS/VS: OS/VS COBOL PROG PROD 5740-CB1, 5740-LM1

Gives the programmer the rules for writing COBOL source programs to be compiled by the IBM Program Product OS/VS COBOL Compiler Under OS/VS. It is meant to be used as a reference manual in the writing of OS/VS COBOL source programs.

This document explains COBOL's origins, standards, versions and extensions.

Manual, 450 pgs, 9/76
/////5740-CB1, 5740-LM1

GC26-3858

OS/VS2 SVS INDEPENDENT COMPONENT: IBM 3800 PRINTING SUBSYSTEM SYSTEM INFORMATION, SCP 5742-017, FEATURES 5081, 5082, 5470, 5471

This publication provides information about the 3800 Printing Subsystem that is intended for use with the existing system library manuals for OS/VS2 Release 1.7.

Each major category of information is presented in a separate chapter so that a specific topic can be found easily.

This publication is intended for installation managers, system programmers, and others planning to install this independent component release on a VS2 SVS system.
Manual, 124 pages, 9/76
//30//3800/5742

GC26-3859

IBM 3800 PRINTING SUBSYSTEM PROGRAMMER'S GUIDE FOR OS/VS2 SVS, SCP 5742-017 FEATURES 5081, 5082, 5470 AND 5471

This book provides:

- o Planning and conversion information for the IBM 3800 Printing Subsystem. The intended audience is data-processing managers, system managers, system planners, and system programmers planning to incorporate a 3800 into an OS/VS2 SVS system.
- o Information on how to use the 3800. This is intended for application programmers and system programmers who will be using the 3800 Printing Subsystem.

There is no prerequisite reading for this publication, although a basic knowledge of computers and system printers is assumed.

Manual, 148 pages, 9/76
//30//3800/5742

GC26-3860

OS/VS2 MVS 3800 PRINTING SUBSYSTEM SELECTABLE UNIT SYSTEM INFORMATION, SUID 5752-810

This system information manual contains general information about the IBM 3800 Printing Subsystem selectable unit, VS2.03.810, for installation under Release 3.7 of OS/VS2 MVS. The information is for installation managers, system programmers, and others planning to incorporate 3800 Printing Subsystem support into a VS2 MVS system.

Manual, 24 pages, 5/76
/////5752-810

GC26-3861

OS/VS2 MVS DATA MANAGEMENT SELECTABLE UNIT SYSTEM INFORMATION, SUID 5752-808

This system information manual contains general information about the Data Management Selectable Unit, VS2.03.808, for installation under Release 3.7 of OS/VS2 MVS. The information is for installation managers, system programmers, and others planning to incorporate the Data Management Selectable Unit into a VS2 MVS system.

Manual, 16 pgs, 7/76
/////5752-808

GC26-3864

OS/VS2 MVS CVCL PROCESSOR

This publication is intended for the systems programmer installing OS/VS2 MVS. The CVOL Processor is supplied to lessen your installation considerations when using OS/VS2 MVS.

This book describes (1) the purpose and functions supported by the CVOI Processor, (2) how to use the CVCI Processor, and (3) restrictions and limitations of the CVOL Processor.

Manual, 28 pages, 7/76
//30//5752

GC26-3867

SVS ICR ACCESS METHOD SERVICES REFERENCE

This System Library Supplement provides replacement pages for OS/VS1 SAM Logic, SY26-3840-2, to support the OS/VS1 Subsystem Attachment Support (SU 6).

Manual, 444 pages
//30//5742

GC26-3868

OS/VS2 SVS INDEPENDENT COMPONENT: VIRTUAL STORAGE ACCESS METHOD (VSAM) PROGRAMMER'S GUIDE

This publication is intended for system and application programmers who use VSAM with assembler language programs. The version of VSAM supported is Enhanced VSAM operating with OS/VS2 Release 1.7 (SVS). It is also intended for higher-level language programmers who want to convert indexed-sequential (ISAM) data sets to VSAM's data format and to use the ISAM interface to access the data sets.

VSAM is an access method for use with direct-access storage devices. It provides macros for gaining access to data stored in VSAM format. Its companion service program, Access Method Services, provides commands for working with data sets and catalogs.

This publication introduces programmers to OS/VS2 SVS VSAM, guides them in using it, and serves as a reference. It tells how to code programs to gain access to data stored in VSAM format.

Prerequisite publications:
OS/VS Data Management Services Guide, GT26-3783
OS/VS1 JCL Services, GT00-0141
OS/VS JCL Reference, GT26-0618
OS/VS2 SVS Independent Component: Planning for Enhanced VSAM, GC26-3869
OS/VS2 SVS Independent Component: Access Method Services, GC26-3867
Manual, 8 1/2 x 11 inches, 262 pages, 2/77

GC26-3869

OS/VS2 SVS INDEPENDENT COMPONENT: PLANNING FOR ENHANCED VSAM

This book enables prospective users to prepare for VSAM, and describes for current users the enhanced functions and capabilities that improve VSAM's performance and makes it a more versatile access method for a wider range of applications.

Manual, 115 pgs.; 1/77
//30///5742

GC26-3870

OS/VS2 SVS INDEPENDENT COMPONENT: VSAM OPTIONS FOR ADVANCED APPLICATIONS

This publication is intended for system programmers who develop utility programs and system control programs using OS/VS2 Release 1.7 (SVS) VSAM.

VSAM is an access method for use with direct-access storage devices. It provides macros for gaining access to data stored in the VSAM format. Its companion service program, Access Method Services, provides commands for working with data sets and catalogs.

This publication explains options of OS/VS2 SVS VSAM for advanced applications in system programming. It tells how to gain access to the contents of a control interval; how to process the records of a VSAM index; how to build the parameter lists of the GENCB, MODCB, SHOWCB, and TESTCB macros; and how to share buffers used by the same program among different data sets. Prerequisite publication: OS/VS2 SVS Independent Component: Virtual Storage Access Method (VSAM) Programmer's Guide, GC26-3868.

Manual, 8 1/2 x 11 inches, 76 pages, 1/77
//30///5742

GC26-3872

OS/VS1 DATA MANAGEMENT MACRO INSTRUCTIONS

This publication contains descriptions and definitions for the data management macro instructions, other than those of VSAM (virtual storage access method), available in the assembler language. It provides application and system programmers with the necessary information to code the macro instructions.

- This publication is divided into these parts:
- o "Introduction," which contains a general description of macro instructions, the rules to be followed when macro instructions are coded, and a description of the notational conventions used throughout the publication.
 - o "Macro Instruction Descriptions," which describes the function of each macro instruction and defines how each macro instruction is to be coded.
 - o Appendix A: Status Information Following an Input/Output Operation.
 - o Appendix B: Data Management Macro Instructions Available by Access Method.
 - o Appendix C: Device Capacities.
 - o Appendix D: DCB Exit List Format and Contents.
 - o Appendix E: Control Characters.
 - o Appendix F: Data Control Block Symbolic Field Names.
 - o Appendix G: Event Control Block.
 - o Appendix H: PDABD Symbolic Field Names.
 - o Index, which provides topic references to information in this book.

Prerequisite Publications

Before coding data management macro instructions, you should be familiar with the information in the following publications:

- o OS/VS-DOS/VS-VM/370 Assembler Language, GC33-4010
- o OS/VS1 Data Management Services Guide, GC26-3874
- o OS/VS1 Supervisor Services and Macro Instructions, GC24-5103

Manual, 240 pages, 8/76
//30///5741

GC26-3873

OS/VS2 MVS DATA MANAGEMENT MACRO INSTRUCTIONS

This publication is intended for application programmers who write programs in assembler language. It contains a brief description of each macro instruction and a description of each operand that can be specified in each macro instruction for the following data management access methods:

- o Basic direct access method (BDAM)
- o Basic indexed sequential access method (BISAM)
- o Basic partitioned access method (BPAM)
- o Basic sequential access method (BSAM)
- o Queued indexed sequential access method (QISAM)
- o Queued sequential access method (QSAM)

This publication does not describe macro instructions for specialized application programs such as teleprocessing, graphics, magnetic readers, Time Sharing Option (TSO), or VSAM.

These Macro instructions are discussed in separate publications that are listed in the IBM System/370 Bibliography, GC20-0001.

Before using this publication to code macro instructions, you should be familiar with the information in OS/VS and DOS/VS Assembler Language, GC33-4010, and OS/VS2 MVS Data Management Services Guide, GC26-3875.

Manual, 240 pgs, 11/76
//30///5752

GC26-3874

OS/VS1 DATA MANAGEMENT SERVICES GUIDE

This book describes the services provided by the operating system that allow the programmer to organize data into data sets on auxiliary storage devices, to read information from these data sets into virtual storage, and, after processing the information, to record it on auxiliary storage devices.

This book is intended for application programmers who write assembler language programs that create and process data sets. It describes the assembler language macro instructions used to request input and output operations. The format of the macro instructions is explained in OS/VS1 Data Management Macro Instructions, GC26-3872, which should be used with this book.

In addition to describing the characteristics of data sets and direct-access storage devices, the book describes the techniques you can use to process sequential, partitioned, indexed sequential, and direct data sets. This book assumes that you have a basic knowledge of the operating system and of the assembler language. Some books that contain information about these subjects are OS/VS1 Planning and Use Guide, GC24-5090, IBM System/370 System Summary, GA22-7001. It also assumes that you are familiar with job control language, especially the DD statement, as described in OS/VS1 JCL Services, GC24-5100, and in OS/VS1 JCL Reference, GC24-5099.

This book does not discuss macro instructions used for the time sharing option or for graphics, teleprocessing, optical character readers, optical reader-scanners, magnetic character readers, or VSAM. These macro instructions are discussed in separate publications that are listed in the IBM System/370 Bibliography, GC20-0001.

Manual, 167 pages, 9/76
//30///5741

GC26-3875

OS/VS2 MVS DATA MANAGEMENT SERVICES GUIDE

This publication describes how to write assembler-language programs that will create and process data sets.

- o To use this book, you must have a basic knowledge of: OS/VS2, described in OS/VS2 Planning and Use Guide for Release 2, GC28-0667.
- o Assembler Language, as described in OS/VS and DOS/VS Assembler Language, GC33-4010.
- o Job control language (JCL), as explained in OS/VS2 JCL, GC28-0692.

Manual, 168 pgs, 11/76
//30///5752

GC26-3876

OS/VS1 CHECKPOINT/RESTART

This publication describes Checkpoint/Restart, a technique for recording information about a job at programmer-designated checkpoints so that, if necessary, the job can be restarted at the beginning of a step or at a checkpoint within a step. It is intended for use by programmers and system analysts.

A general understanding of job control language and data management is prerequisite knowledge for understanding the information in this publication.

Manual, 88 pages, 9/76
//36///5741

//36///5741

GC26-3877

OS/VS2 MVS CHECKPOINT/RESTART

This publication describes Checkpoint/Restart, a technique for recording information about a job at programmer-designated checkpoints so that, if necessary, the job can be restarted at the beginning of a step of a checkpoint within a step. Checkpoint/Restart is intended for use by programmers and system analysts. A general understanding of job control language and data management is prerequisite knowledge for understanding the information in this book.

Manual, 84 pages
//36///5752

GC26-3879

OS/VS2 MVS 3800 PRINTING SUBSYSTEM 12 LINES PER INCH SELECTABLE UNIT SYSTEM INFORMATION, SUID 5752 848

This publication contains a general description of the OS/VS2 MVS IEM 3800 Printing Subsystem 12 Lines per Inch selectable unit (VS2.03.848).

It is intended for installation managers, system programmers, and others planning to install this selectable unit on a VS2 MVS system.

Manual, 15 pages, 9/76
////5752-848

GC26-3880

OS/VS2 SVS INDEPENDENT COMPONENT: MASS STORAGE SYSTEM (MSS) REFERENCE

This publication is intended to guide the SVS user to existing reference publications for SVS and MSS. It serves (1) as an addition to the current SVS Systems Reference Library publications and (2) as a supplement to the description of MSS in the current MSS Systems Reference Library publications. It is to be used in conjunction with other SVS and MSS publications.

Manual, 12/76
//30//3850,3851/5742

GC26-3886

OS/VS1 SUBSYSTEM ATTACHMENT SUPPORT - SUID 5741-606, CHECKPOINT/RESTART SUPPLEMENT
This System Library Supplement provides replacement pages for OS/VS1 Checkpoint/Restart, GC26-3876-0, to support the OS/VS1 Subsystem Attachment Support (SU 6).
Manual, 8 1/2 x 11 inches, 18 pgs, 10/77
////5741-606

GC26-3887

OS/VS1 SUBSYSTEM ATTACHMENT SUPPORT - SUID 5741-606, DATA MANAGEMENT SUPPLEMENT
This System Library Supplement provides replacement pages for OS/VS1 Data Management for System Programmers, GC26-3827-2, to support the OS/VS1 Subsystem Attachment Support (SU 6).
Manual, 8 1/2 x 11 inches, 16 pgs, 3/77
////5741-606

GC26-3889

SUPPLEMENT TO OS/VS1 DATA MANAGEMENT FOR SYSTEM PROGRAMMERS (GC26-3837-2), SUID 5741-604
This supplement provides support for the IBM 3895 OS/VS1 Programming support Selectable Unit for the above-named book.
Manual, 8 1/2 x 11 inches, 20 pgs, 8/77
////5741-604

GC26-3892

SUPPLEMENT FOR SU32 TO MVS DATA MANAGEMENT SERVICES GUIDE, SYSTEM SECURITY, 5752-832
This System Library Supplement provides replacement pages for OS/VS2 MVS Data Management Services Guide, GC26-3875, to support the System Security Support Selectable Unit (SU32).
Manual, 8 1/2 x 11 inches, 9 pgs, 5/77
////5752-832

GC26-3893

SUPPLEMENT FOR SU32 TO OS/VS TAPE LABELS: MVS SYSTEM SECURITY, 5752-832
This supplement contains replacement pages for Tape Labels (GC26-3795-2) to support the System Security Support Selectable Unit (SU32).
The System Security Support Selectable Unit has five prerequisites:
• OS/VS2 MVS Scheduler Improvements (SU4) SUID 5752-804
• OS/VS2 MVS Supervisor Performance #1 (SU5) SUID 5752-805
• OS/VS2 MVS Supervisor Performance #2 (SU7) SUID 5752-807
• OS/VS2 MVS Data Management (SU8) SUID 5752-808
• OS/VS2 MVS Scheduler/IOS Support (SU16) SUID 5752-816
Manual, 8 1/2 x 11 inches, 100 pgs, 5/77
////5752-832

GC26-3896

SUPPLEMENT FOR SU32 TO OS/VS UTILITIES MESSAGES: MVS SYSTEM SECURITY, 5752-832
This supplement contains replacement pages for OS/VS Utilities Messages, GC38-1005-7 to support the OS/VS2 MVS System Security Support Selectable Unit (SU).
The System Security Support SU has five prerequisites:
• OS/VS2 MVS Scheduler Improvements SUID 5752-804
• OS/VS2 MVS Supervisor Performance #1 SUID 5752-805
• OS/VS2 MVS Supervisor Performance #2 SUID 5752-807
• OS/VS2 MVS Data Management SUID 5752-808
• OS/VS2 MVS Scheduler/IOS Support SUID 5752-816
Manual, 8 1/2 x 11 inches, 6 pgs, 6/77
////5752-832

GC26-3900

DOS/VS IBM 3800 PRINTING SUBSYSTEM PROGRAMMER'S GUIDE
This book provides:
o Planning and conversion information for the IBM 3800 Printing Subsystem. The intended audience is data-processing managers, system planners, and system programmers planning to incorporate a 3800 into computer installations.
o Information on how to use the 3800. This is intended for application programmers and system programmers who will be using the 3800.
There is no prerequisite reading, although a basic knowledge of computers and system printers assumed.
Manual, 8 1/2 x 11 inches, 150 pages, 10/77
//30//3800/5745-010

GC26-3901

OS/VS1 UTILITIES MANUAL
This publication discusses the capabilities of the OS/VS1 utility programs and the control statements used with each. These programs are used by programmers responsible for organizing, manipulating, and maintaining operating system and user data.
This publication replaces the VS1 portion of GC35-0005.
Manual, 8 1/2 x 11 inches, 360 pgs, 11/77
//32//5741

GC26-3902

OS/VS2 MVS UTILITIES MANUAL
This publication discusses the capabilities of the OS/VS2 MVS utility programs and the control statements used with each. These programs are used by programmers responsible for organizing, manipulating, and maintaining operating system and user data.
This publication replaces the VS2 portion of GC35-0005.
Includes SUs VS2.03.808, 5752-832, 5752-860.
Manual, 8 1/2 x 11 inches, 432 pages, 12/77
//32//5752

GC26-3903

OS/VS2 MVS DATA MANAGEMENT SUPPORT SYSTEM INFORMATION - SUID 5752-860
This publication is intended for use by installation managers, system programmers, and others planning to incorporate the Data Management Support Selectable Unit (SU 60) into an OS/VS2 MVS System. It contains a general description of the SU and provides the information needed for planning and ordering it.
Manual, 8 1/2 x 11 inches, 14 pgs, 12/77
////5752-860

GC26-3904

DOS/VS IBM 3800 PRINTING SUBSYSTEM SYSTEM CONTROL PROGRAMMING SPECIFICATIONS
This is the DOS/VS IBM 3800 Printing Subsystem System Control Programming Specifications.

The feature numbers that apply for ordering the DOS/VS IBM 3800 Printing Subsystem ICR (program number 5745-010) are:

Number	Meaning
5046	Basic material; 800 bits-per-inch, 9-track tape
5047	Basic material; 1600 bits-per-inch, 9-track tape
5048	Basic material; 6250 bits-per-inch, 9-track tape
5049	Basic material; 2316 Disk Pack
5050	Basic material; 3336 Disk Pack
5051	Basic material; 3348 Data Module
5446	Optional material; 800 bits-per-inch, 9-track tape
5447	Optional material; 1600 bits-per-inch, 9-track tape
5448	Optional material; 6250 bits-per-inch, 9-track tape
5449	Optional material; 2316 Disk Pack
5450	Optional material; 3336 Disk Pack
5451	Optional material; 3348 Data Module

GC26-3905

DOS/VS POWER/VS IBM 3800 PRINTING SUBSYSTEM INDEPENDENT COMPONENT RELEASE SYSTEM CONTROL PROGRAMMING SPECIFICATIONS
This is the DOS/VS POWER/VS IBM 3800 Printing Subsystem Independent Component Release System Control Programming Specifications.

The feature numbers that apply for ordering the DOS/VS POWER/VS IBM 3800 Printing Subsystem ICR (program number 5745-010) are:

Number	Meaning
5052	Basic material; 800 bits-per-inch, 9-track tape
5053	Basic material; 1600 bits-per-inch, 9-track tape
5054	Basic material; 6250 bits-per-inch, 9-track tape
5055	Basic material; 2316 Disk Pack
5056	Basic material; 3336 Disk Pack
5057	Basic material; 3348 Data Module
5452	Optional material; 800 bits-per-inch, 9-track tape
5453	Optional material; 1600 bits-per-inch, 9-track tape
5454	Optional material; 6250 bits-per-inch, 9-track tape
5455	Optional material; 2316 Disk Pack
5456	Optional material; 3336 Disk Pack
5457	Optional material; 3348 Data Module

GC26-3906

OS/VS2 MVS 3800 PRINTING SUBSYSTEM SCP SPECS, 5752-810
This is the System Control Programming Specifications for the OS/VS2 MVS IBM 3800 Printing Subsystem Selectable Unit 5752-810.
Flyer, 8 1/2 x 11 inches, 2 pgs, 10/77

GC26-3907

OS/VS2 MVS 3800 PRINTING SUBSYSTEM SCP SPECS, 5752-848
This is the System Control Programming Specifications for OS/VS2 MVS IBM 3800 Printing Subsystem, 12 Lines Per Inch Selectable Unit, 5752-848.
Flyer, 8 1/2 x 11 inches, 2 pgs, 4/77

GC26-3908

VS2 SVS INDEPENDENT COMPONENT: IBM 3800 PRINTING SUBSYSTEM
This is the System Control Programming Specifications for the OS/VS2 SVS Independent Component: IBM 3800 Printing Subsystem.
Flyer, 8 1/2 x 11 inches, 2 pgs, 10/77

GC26-3909

OS/VS2 MVS DATA MANAGEMENT SCP SPECS, 5752-848
This is the system control programming specifications for the OS/VS2 MVS Data Management Selectable Unit 5752-848.
Flyer, 8 1/2 x 11 inches, 2 pgs, 10/77

GC26-3910

OS/VS2 SVS INDEPENDENT COMPONENT: SUPPORT FOR IBM 3350, 3340, AND 3344 DIRECT ACCESS STORAGE SYSTEM CONTROL PROGRAMMING SPECIFICATIONS
This is the system control programming specifications for the OS/VS2 SVS Independent Component Support for IBM 3350, 3340, and 3344 Direct Access Storage.
Flyer, 8 1/2 x 11 inches, 2 pgs, 10/77

GC26-3911

OS/VS2 SVS INDEPENDENT COMPONENT: EXTENSICNS TO SUPPORT IBM 3850 MASS STORAGE SYSTEM AND ENHANCED VSAM
This is the system control programming specifications for OS/VS2 SVS Independent Component: Extensicns to Support IBM

3850 Mass Storage System.
Flyer, 8 1/2 x 11 inches, 2 pgs, 10/77

GC26-3912
OS/VS2 MVS DATA MANAGEMENT SUPPORT SELECTABLE UNIT 5752-860 SYSTEM CONTROL PROGRAMMING SPECIFICATIONS
This is the system control programming specifications for the OS/VS2 MVS Data Management Support Selectable Unit, 5752-860.

Flyer, 8 1/2 x 11 inches, 1 pg, 12/77

GC26-3913
DOS/VSE IBM 3800 PRINTING SUBSYSTEM INDEPENDENT RELEASE SYSTEM CONTROL PROGRAMMING, LIC PROG 5747-CC1, SPECIFICATIONS
This document describes the warranted specifications of the subject product.

8 1/2 x 11 inches, 1 page, 1/79

SC26-3916
OS/VS ACCESS METHOD SERVICES CRYPTOGRAPHIC OPTION, LIC PROG 5740-AM8
This book describes the Access Method Services Cryptographic Option, a program product which enables a user to protect his offline data. This option is invoked by users of the Access Method Services REPRO command, which has been extended so that data can be copied to yield a data set whose contents are unintelligible. Another function of REPRO converts the data back to an intelligible form. The REPRO command uses the Programmed Cryptographic Facility program product, 5740-XY5.

The book is intended for installation managers and system programmers who are responsible for the software data security of their installations. It is assumed the reader is familiar with Access Method Services, its command language format, notational conventions, JCL requirements, etc. This information is contained in OS/VS1 Access Method Services, GC26-3840, and OS/VS2 Access Method Services, GC26-3841.

Manual, 8 1/2 x 11 inches, 20 pages, 5/78
/////5740-AM8

GC26-3917
ACCESS METHOD SERVICES CRYPTOGRAPHIC OPTION, LIC PROG 5740-AM8, SPECIFICATIONS
This Licensed Program Specifications (LPS) describes the warranted specifications of the subject Program Product.
Flyer, 8 1/2 x 11 inches, 2 pages, 5/78
/////5740-AM8

GC26-3919
OS/VS MESSAGE LIBRARY: VS1 UTILITIES MESSAGES
This publication lists error and diagnostic messages issued by OS/VS utility programs and describes the actions to be taken in response to them. It is to be used by programmers using the OS/VS1 utility programs, and by operators responsible for running them. OS/VS1 Utilities, GC26-3901, is a prerequisite publication.

This book and GC26-3920 replaces GC38-1005.
Manual, 8 1/2 x 11 inches, 80 pages, 5/78
//32///5741

GC26-3920
OS/VS MESSAGE LIBRARY: VS2 MVS UTILITIES MESSAGES
This publication lists error and diagnostic messages issued by OS/VS2 utility programs and describes the actions to be taken in response to them. It is to be used by programmers using the OS/VS2 Utility programs and by operators responsible for running them. OS/VS2 Utilities, GC26-3902, is a prerequisite publication.

This book and GC26-3919 replace GC38-1005.
Manual, 8 1/2 x 11 inches, 80 pages, 5/78
//32///5752

GC27-0017
IBM 3790 COMMUNICATION SYSTEM: HOST SERVICES GUIDE SCP 5747-BQ1, 5744-BZ1, 5744-BZ2
This manual provides information on validating and testing 3790 programs with the 3790 Program Validation Services (PVS) and on transmitting 3790 programs to a 3791 controller with the Subsystem Support Service (SSS). This manual is for application programmers who write and test 3790 programs at a host system and transmit them to a 3791 controller.
Manual, 104 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GC27-0021
DOS/VSE VTAM DEBUGGING GUIDE
This publication describes an approach to debugging and presents the guidelines, tools, and information needed to assist program systems representatives and system programmers who maintain systems and application programs that use VTAM. The primary purposes of this publication are to:

- Provide information that enable the reader to use VTAM debugging aids to determine where the cause of a failure lies.
- Summarize serviceability aids described in other publications and tell the reader where to find detailed descriptions of these aids.

Manual, 200 pages, 8/75
SLSS - ORDER NO. SUBSCRIPTION ONLY

GC27-0022
OS/VS1 VTAM (LEVEL 2) DEBUGGING GUIDE
This publication describes an approach to debugging and presents the guidelines, tools, and information needed to assist program systems representatives and system programmers who maintain systems and application programs that use VTAM. The primary purposes of this publication are to:

- Provide information that enables the reader to use VTAM debugging aids to determine where the cause of a failure lies.
- Summarize serviceability aids described in other publications and tell the reader where to find detailed descriptions of these aids.

Manual, 200 pages (11/75)
/C/30///5741

GC27-0023
OS/VS2 MVS VTAM (LEVEL 2) DEBUGGING GUIDE
This publication describes an approach to debugging and presents the guidelines, tools, and information needed to assist program systems representatives and system programmers who maintain systems and application programs that use VTAM. The primary purposes of this publication are to:

- Provide information that enables the reader to use VTAM debugging aids to determine where the cause of a failure lies.
- Summarize serviceability aids described in other publications and tell the reader where to find detailed descriptions.

Manual, 200 pages, 1/76
/C/30///5752

GC27-0025
DOS/VSE VTAM NETWORK OPERATING PROCEDURES
This publication is a reference manual for system operators who run a VTAM network. It is also a guide for system programmers who must supply operator's with the detailed information they need to run the VTAM network.

The publication provides an introduction to operating VTAM (Chapter 1), describes the fundamentals of VTAM commands and messages (Chapter 2), and explains the use of commands in performing particular operations (Chapters 3-7). The commands are presented on the basis of function and the network elements they act upon. Command formats can be found either where the command is first discussed or in Appendix D, which summarizes the commands and their functions.

Manual, 100 pages (8/75)
/C/30///5745-010

GC27-0027
OS/VS VTAM (LEVEL 2) NETWORK OPERATING PROCEDURES
This publication is a reference manual for system operators who run a VTAM network. It is also a guide for system programmers who must supply operators with the information needed to run the VTAM network.

The publication provides an introduction to operating VTAM (Chapter 1), describes the fundamentals of VTAM commands and messages (Chapter 2), and explains the use of commands in performing particular operations (Chapters 3-7). The commands are presented on the basis of function and the network elements they act on. Command formats can be found either where the command is first discussed or in Appendix D, which summarizes the commands and their functions.

Manual, 100 pages, 11/75
/C/30///5741,5752

GC27-0036
SUPPLEMENT TO THE VTAM (LEVEL 2) MACRO LANGUAGE GUIDE FOR THE PROGRAM OPERATOR: VS1 REL 5; MVS; WITH GN27-1546, VS1 REL 6; MVS; SVS REL 1.7; DOS/VSE REL 33
This book describes how to write the program operator portion of a VTAM application program. It supplements the information on writing VTAM application programs contained in VTAM Macro Language Guide, GC27-6994. The primary audience for this book is the VTAM application programmer who is writing a program operator application program. The secondary audience is the system programmer who requires background information for planning and maintaining a VTAM network.
Manual, 70 pages (11/75)
/C/30///5741

GC27-0038
OS/VS2 MVS VTAM2 SELECTABLE UNIT SYSTEM INFORMATION, SUID 5752-801
No abstract available.
Manual, 20 pages
/////5752-801

GC27-0043
OS/VS1 REL 4 VTAM (LEVEL 1.1) DEBUGGING GUIDE
No abstract available.
Manual, 140 pages
/C/30///5741

GC27-0046

OS/VS2 MVS TSO/VTAM SELECTABLE UNIT SYSTEM INFORMATION, SUID 5752-813
 This publication provides information about the component package TSO/VTAM. TSO/VTAM provides the capability of using TSO through VTAM. The publication contains:

- o An introduction to TSO/VTAM
- o Planning information--terminals supported, prerequisite programs, storage requirements, load module list
- o An introduction to the installation process
- o Programming considerations--VTAM considerations, TSO considerations, performance notes, differences from TSO through TCAM
- o List of publications that have changed for TSO/VTAM
- o Summary of module changes

This publication is intended for installation managers, system programmers, and IBM support personnel who require general information about TSO/VTAM.
 Manual, 20 pages, 5/76
 ////5752-858

GC27-0048

TSO/VTAM SYSTEM CONTROL PROGRAMMING, SUID 5752-858, SPECS
 This publication describes the warranted specifications for the TSO/VTAM system control programming.
 Flyer, 8 1/2 x 11 inches, 2 pgs, 2/78

GC27-0049

OS/VS2 SVS VTAM SYSTEM PROGRAMMER'S GUIDE
 This publication is a reference manual for the system programmer who must install and maintain VTAM under OS/VS2 SVS. The reader should be familiar with the overall concepts of VTAM, have planned the network configuration, and have chosen the major VTAM options he wants.
 Manual, 276 pages, 6/76
 /C/30///5742

GC27-0050

OS/VS2 SVS VTAM DEBUGGING GUIDE
 This manual provides an approach to debugging and presents the guidelines, tools, and information needed to assist PSRE and system programmers that use VTAM. The primary purposes of this manual are to provide information that enables the reader to use VTAM debugging aids to determine where the cause of a failure lies and to summarize serviceability aids described in other publications and tell the reader where to find detailed descriptions of these aids.
 Prerequisites:
 VTAM Concepts and Planning, GC27-6998
 OS/VS2 SVS VTAM System Programmer's Guide, GC27-0049
 Manual, 150 pages, 6/76
 /C/30///5742

GC27-0052

OS/VS2 BASP II VERSION 4 USER'S GUIDE, PROG 370B-TX-001
 No abstract available.
 Manual, 40 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GC27-0053

OS/VS2 SVS VTAM COMPONENT RELEASE GUIDE
 This publication is intended for installation managers, system programmers and operators responsible for the planning, installation and operation of VTAM under OS/VS2 SVS. It contains changes and additions to OS/VS2 SVS publications as a result of including VTAM in the SVS system. These changes and additions are in the form of VTAM supplements that may be retained in this book or inserted in the appropriate SVS publication for the reader's convenience. Much of the material is devoted to VTAM storage estimated and messages.
 Manual, 6/76
 /C/30///5742

GC27-0427

NETWORK COMMUNICATIONS CONTROL FACILITY LIC PROG 5735-XX6 PROGRAM SUMMARY
 This publication provides information about the Network Communications Control Facility (NCCF), including the functions and specified operating environment.
 Manual, 8 1/2 x 11 inches, 1 page, 10/78
 ////5735-XX6

GC27-0429

NETWORK COMMUNICATIONS CONTROL FACILITY LIC PROG 5735-XX6 GENERAL INFORMATION
 This manual is an overview of the program product Network Communications Control Facility (NCCF). It is directed to customer executives, system administrators, system analysts, system programmers, application programmers, and terminal operators who are operating with DOS/VS or OS/VS systems.
 Manual, 8 1/2 x 11 inches, 40 pages, 10/78
 ////5735-XX6

GC27-0436

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY (ACF/VTAME), LIC PROG 5746-RC7 PROGRAM SUMMARY
 Advanced Communications Function for VTAM Entry (ACF/VTAME) is a teleprocessing access method, based on ACF/VTAM, that permits communication between application programs and

terminals within a single domain of a multiple-domain network.

This publication summarizes the facilities of ACF/VTAME. It is intended for customer data processing management.
 Flyer, 8 1/2 x 11 inches, 2 pages, 2/79
 ////5746-RC7

GC27-0438

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY (ACF/VTAME) GENERAL INFORMATION: INTRODUCTION
 ACF/VTAME is a teleprocessing access method that permits communication between application programs and terminals within a single or multiple-domain network. This publication describes the ACF/VTAME offering, hardware and software requirements, installation and programming considerations, and other information needed to evaluate the applicability of this licensed program to an installation.
 Manual, 8 1/2 x 11 inches, 60 pages, 1/79
 ////5746-RC7

GC27-0450

NETWORK TERMINAL OPTION PROGRAM SUMMARY
 Network Terminal Option is a licensed IBM program that runs in a 3705 Communications Controller under a Network Control Program. It allows certain non-SNA devices to appear to an access method in a host computer as an IEM 3767 attached through an NCF.
 This publication contains a brief overview of the Network Terminal Option. It is intended for customer data processing management.
 Flyer, 8 1/2 x 11 inches, 2 pages, 9/78
 ////5735-XX7

GC27-0451

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY (ACF/VTAME), LIC PROG 5746-RC7, GENERAL INFORMATION: CONCEPTS
 ACF/VTAME is a teleprocessing access method that permits communication between application programs and terminals within a single-domain or multiple-domain network. This book describes the fundamental concepts needed to understand the installation and operation requirements of ACF/VTAME. It also provides an overview of the major tasks involved in using an ACF/VTAME system. It is intended for data processing managers and system programmers who may install or maintain a data communication system that uses ACF/VTAME.
 Manual, 8 1/2 x 11 inches, 6 months, 200 pages, 1/79
 ////5746-RC7

GC27-0457

ACF/VTAM, LIC PROG 5746-RC3, 5735-RC2: PROGRAM SUMMARY
 ACF/VTAM is a teleprocessing access method, based on VTAM, that permits communication between application programs and terminals within a single domain network and between domains of a multiple domain network.
 This publication contains an overview of the functions provided by ACF/VTAM Release 2. It is intended for customer data processing management.
 Flyer, 8 1/2 x 11 inches, 4 pages, 9/78
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GC27-0459

SYSTEM CONTROL PROGRAMMING SPECIFICATIONS VTAM SYSTEM CONTROL PROGRAMMING FOR ACF/VTAM RELEASE 2
 This publication provides information on the system control programming for ACF/VTAM Release 2.
 Flyer, 8 1/2 x 11 inches, 2 pages, 2/79

GC27-0460

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) RELEASE 2 SPECIFICATIONS
 This publication provides information on the warranted functions of ACF/VTAM Release 2. This publication also describes the specified operating environment.
 Flyer, 8 1/2 x 11 inches, 2 pages, 2/79
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GC27-0462

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5746-RC3, 5735-RC2, GENERAL INFORMATION: INTRODUCTION
 ACF/VTAM is a teleprocessing access method, based on VTAM, that permits communication between application programs and terminals within a single domain network and between domains in a multiple domain network.
 This publication provides an overview of ACF/VTAM Release 2, facilities, hardware and software requirements, and other information needed to evaluate the applicability of this licensed program to an installation.
 Manual
 ////5735-RC2,5746-RC3

GC27-0463

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), LIC PROG 5746-RC3 (DOS/VS), 5735-RC2 (OS/VS), GENERAL INFORMATION: CONCEPTS
 ACF/VTAM is a teleprocessing access method, based on VTAM, that permits communication between application programs and terminals within a single domain network and between domains of a multiple domain network.
 This publication provides an introduction to ACF/VTAM Release 2. It describes its facilities and provides an

overview of the major tasks involved in using ACF/VTAM (installation, operation, programming, and problem determination). It is intended for data processing managers and system programmers who may install or maintain a data communication system that uses ACF/VTAM. A more general description of ACF/VTAM facilities and requirements can be found in ACF/VTAM General Information: Introduction GC27-0462.
Manual, 8 1/2 x 11 inches, 270 pages, 9/78
/////5746-RC3,5735-RC2

SC27-0464

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) RELEASE 2, LIC PROG 5746-RC3, INSTALLATION
Provides the necessary information for defining an ACF/VTAM network in a DOS/VSE system. It describes the interfaces that must be created between the user's ACF/VTAM application program and the ACF/VTAM network. It also describes how the ACF/VTAM network can be modified to better serve the needs of the user.
This publication is intended for system programmers who are primarily concerned with system generation and ACF/VTAM network definition.
Prerequisite Publication: ACF/VTAM General Information: Concepts, GC27-0463; Corequisite Publication: ACF/VTAM Pre-Installation Planning, SC27-0465.
Manual, 8 1/2 x 11 inches, 300 pages, 4/79
/////5746-RC3

SC27-0466

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) RELEASE 2, LIC PROG 5735-RC2, 5746-RC3, OPERATION
This publication is a reference manual for system operators who run an ACF/VTAM network, either in OS/VS or in DOS/VSE. It is also a guide for system programmers who must supply operators with detailed procedures needed to run an ACF/VTAM network.
The publication provides an introduction to operating ACF/VTAM (Chapter 1), describes the fundamentals of ACF/VTAM command, and messages (Chapter 2), and explains the command usage in performing particular operations (Chapter 3-7). Appendix E summarizes the commands.
Manual, 8 1/2 x 11 inches, 150 pages, 4/79
/////5735-RC2,5746-RC3

SC27-0467

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) RELEASE 2 MESSAGES AND CODES, LIC PROG 5746-RC3
This publication is a reference manual containing the ACF/VTAM messages which DOS/VSE issues for operators and programmers. The book explains why a message was issued, what action DOS/VSE takes, and what action the programmer and operator should take. Messages are listed in alphanumeric order. Also included are TOLTEP messages and terminal user and network operator messages. The appendixes explain VSAM return and reason codes, resource status codes, ACF/VTAM function and cancel codes, and command types which appear in some of the messages.
Manual, 8 1/2 x 11 inches, 200 pages, 4/79
/////5746-RC3

GC27-6948

7074 OS EMULATOR ON SYSTEM/370 REFERENCE, PROG. NOS. 360C-EU-739, 741 (OS); 5744-AJ1, AK1 (VSL, VS2)
This publication provides information about the IBM 7074 Emulator Program for the IBM System/370 Models 155, 158, 165, and 168. The emulator program is executed as a problem program under control of the MFT, MVT, VS1, or VS2 versions of the operating system. The System/370 Models 155, 158, and 165 must be equipped with the IBM 7074 Compatibility Feature #7117; the Model 168 must be equipped with the Compatibility Feature #7127. Using one of these features, the System/370 can execute programs written on the IBM 7074 Data Processing System. These 7074 programs can be run with little or no reprogramming, mixed with IBM System/360 and System/370 jobs.

Information on machine requirements, considerations for emulation, data formats, generating and executing the program, and communicating with the emulator program is included. For a thorough understanding of this publication, a basic knowledge of IBM System/370, of the operating system, and of the system to be emulated is required.

The information in this publication is intended for those responsible for emulating the IBM 7074 Data Processing System.
Manual, 95 pages
3155,3165,3158,3168//35//7074/

GC27-6952

7080 OS EMULATOR ON MODELS 165/168: REFERENCE, PROG. NOS. 360C-EU-737 (MFT/MVT), 5744-ALI (VS1/VS2)
This publication describes the IBM 7080 Emulator Program, an "integrated emulator program" for IBM System/370 Models 165 and 168. The program executes under the MFT, MVT, VS1, or VS2 configuration of the operating system.
The publication contains the information needed to plan for and use the emulator program. The system planner can find information on planning the hardware configuration and generating the emulator. An applications programmer can find information on how the emulator program executes 7080 programs and handles 7080 data. The console operator can find information on emulator commands and messages for

communicating with the emulator program.
Systems Library, 104 pages
3165,3168//35//7080/

SC27-6955

VIDEO/370 USERS GUIDE - PROGRAM PRODUCTS 5734-RC5, 5736-RC3
VIDEO/370 is a computer program that is used to enter information to a computer system and to check the accuracy of that information. This book is intended for the operator who will use the IBM 3277 or 3275 display station as a part of VIDEO/370. Experience with conventional keypunch equipment is helpful but not required. Before using this book, you should be familiar with the basic operation of the display station, as described in Operator's Guide for the IBM 3270 Information Display System, GA22-2742. CICS users may also find helpful the CICS Terminal Operator's Guide, SB20-1044.

This book contains three types of information:

1. General background information
2. Tutorial (how to do it) information
3. Reference information

Manual, 122 pages, 5/75
/////5734-RC5,5736-RC3

GC27-6957

DOS/VS VTAM SYSTEM PROGRAMMER'S GUIDE
This publication is a reference manual for the system programmer who must install and maintain the IBM Virtual Telecommunications Access Method (VTAM) under DOS/VS.
This book does not explain how to define specific IBM Subsystems or IBM database/data-communication programs that operate with VTAM, such as the IBM 3600 Finance Communication System. To get information on how to define those sub-systems, refer to manuals for the particular subsystem.
The book assumes that the reader is familiar with the overall concepts of VTAM, has planned his network configuration, and has chosen the major VTAM options he wants to use. A good way to achieve this familiarity and obtain the background needed to select VTAM options is to read VTAM Concepts and Planning, GC27-6998. Prerequisite Publications: Operator's Library GC27-6997, Guide & Reference Manual, and IBM 3704 and 3705 Communications Controllers (GC30-3008).

This manual is available immediately in Mechanicsburg for planning purposes until VTAM Level 2 is available. Users of this manual for VTAM Level 1.1 should now order by the pseudo order number, GT27-6957-1.
Manual, 200 pages, 8/75
/C/30//5745-010

SC27-6960

VIDEO/370 SYSTEM INFORMATION MANUAL - PRCG. NOS. 5736-RC3 AND 5734-RC5
This manual describes the installation and daily operation of VIDEO/370, a program product for entering data from display stations. The manual describes how to specify editing options, define a teleprocessing configuration, initialize files, design screen formats, extract entered data for application use, and obtain production reports.
The manual is intended primarily for the system programmer -- the person who understands his shop's requirements and will install and tailor VIDEO/370 accordingly. Parts of the manual are also intended for the system console operator, who will run the VIDEO/370 programs and respond to any messages. Supervisory personnel may find useful the material about VIDEO/370's reports program, which produces statistics on entry operator entry operator efficiency.
Manual, 284 pages, 5/75
/////5734-RC5,5736-RC3

GC27-6967

PROGRAM PRODUCT SPECIFICATIONS VIDEO/370 OS - PROGRAM NUMBER 5734-RC5
The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.
Specifications, 4 pages
/////5734-RC5

GC27-6969

PROGRAM PRODUCT SPECIFICATIONS VIDEO/370 DCS - PROGRAM NUMBER 5736-RC3
The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.
Specifications, 4 pages
/////5736-RC3

GC27-6971

OS/VS GRAPHIC PROGRAMMING SERVICES (GPS) FOR IBM 2250 DISPLAY UNIT
Describes macro instructions and routines provided under OS/VS to aid in writing assembler-language programs that use the IBM 2250 Display Unit, Model 1 or 3.
These programming services are useful in:

- o Displaying data in alphanumeric or graphic form
- o Controlling input/output
- o Communicating with the 2250 operator

This manual is intended primarily for application programmers coding in assembler language. It also provides installation managers, system engineers, and system programmers with general information about programming the 2250 display unit.

The reader should be familiar with the information in:

IBM System/360 Component Description:
IBM 2250 Display Unit Model 1, GA27-2701

IBM System/360 Component Description:
IBM 2250 Display Unit Model 3
IBM 2840 Display Control Model 2, GA27-2721

Manual, 146 pages
//30//2250,3250,3251/5741,5742,5752,5741-GA1,5752-GA1

GC27-6972

OS/VS GRAPHIC PROGRAMMING SERVICES (GPS) FOR IBM 2260 DISPLAY STATION (LOCAL ATTACHMENT)

This manual describes macro instructions provided under OS/VS to aid in writing assembler-language programs that use the IBM 2260 Display Station (Local Attachment).

These programming services are useful in: Controlling input/output, and Communicating with the 2260 operator.

This manual is intended primarily for application programmers coding in assembler language. It also provides installation managers, system engineers, and system programmers with general information about programming the 2260 display station.

The reader should be familiar with the information in:

IBM System/360 Component Description:
IBM 2260 Display Station
IBM 2848 Display Control, GA27-2700.

Manual, 52 pages
//30//2260/5741,5742,5752

GC27-6973

OS/VS GRAPHIC SUBROUTINE PACKAGE (GSP) FOR FORTRAN IV, COBOL, AND PL/I

This manual describes how a FORTRAN, COBOL, or PL/I programmer can write graphic programs for use with the IBM 2250 Display Unit under control of OS/VS. It also describes how the graphic subroutine package may be used in a program written in Assembler Language.

The graphic subroutine package (GSP) consists of subroutines and functions for displaying characters or graphic forms on the 2250 screen and for controlling communication between the program and the 2250 operator. The subroutines may be called from a program written in the E, C, or B level of FORTRAN IV, in COBOL (P), in PL/I (P), or from a program written in Assembler Language. They are not an extension of the FORTRAN IV, COBOL, or PL/I languages, but may be used in conjunction with them.

Manual, 188 pages
//30//2250,3250,3251/5741,5742,5752

GC27-6974

OS/VS PROBLEM DETERMINATION AIDS AND MESSAGES AND CODES FOR GPS AND GSP

This manual contains aids for determining and solving problems that involve display programs that use either the Graphic Programming Services (GPS) for the IBM 2250 Display Unit and IBM 2260 Display Station or the Graphic Subroutines Package (GSP) for the IBM 2250 Display Unit. The aids are directed to the display operator, application programmer, system operator, system programmer, and system maintenance personnel.

The manual is divided into an introduction and six sections of problem determination aids:

- o Display operator aids
- o Application programmer aids
- o Messages
- o Codes
- o Generalized Trace Facility
- o Problem-related data

The reader should be familiar with information in:
OS/VS Graphic Programming Services (GPS) for IBM 2250 Display Unit, GC27-6971

OS/VS Graphic Programming Services (GSP) for IBM 2260 Display Station (Local Attachment), GC27-6972

OS/VS Graphic Subroutine Package (GSP) for FORTRAN IV, COBOL, and PL/I, GC27-6973.

Manual, 104 pages
//30//2250,2260,3250,3251/5741,5742,5752

GC27-6978

DOS VERSION 4 - BASIC TELECOMMUNICATIONS ACCESS METHOD MANUAL - PROGRAM NUMBER 370N-CQ-469

This publication describes the Basic Telecommunications Access Method (BTAM) used with the System/370 Disk Operating System (DOS) control program. BTAM provides the READ/WRITE level macro instructions for the assembler-language programmer who is implementing programs for telecommunications applications.

Included are macro instruction formats and descriptions and specific information on device-dependent considerations.

For titles and abstracts of associated publications see the IBM System/370 Bibliography, GA22-6822.

Manual, 392 pages
370/C/30/DOS//

GC27-6980

OS/VS BTAM

Describes the Basic Telecommunications Access Method (BTAM) available with OS/VS. BTAM provides facilities that enable an assembler-language programmer to write a teleprocessing control program that effects communications at the Read/Write level between a System/370 and a variety of computers and terminals connected to the System/370 over common-carrier or private-wire communications networks. BTAM provides similar facilities for the local IBM 3270 Display System. BTAM employs both start-stop and binary synchronous communications (BSC) techniques, depending on the type of remote station.

Typical BTAM applications include data acquisition, message switching, and inquiry processing.

This publication explains some concepts of teleprocessing and BTAM, describes line control and message transmission techniques, and describes each of the BTAM macro instructions and facilities needed to construct a control program. The READ and WRITE macro instructions applicable for each type of remote station and line configuration are given, along with the channel programs generated for each type.

Prerequisite to use of this publication is a knowledge of System/370 assembler language and data management facilities.

Manual
/C/30//5741

GC27-6983

7094 OS EMULATOR ON MODELS 165/168 REFERENCE, PROG 360C-EU-740 (MPT/MVT), 5744-AM1 (VSI/VS2)

This manual describes the IBM 709/7090/7094/7094 II Emulator Program for the IBM System/370 Models 165, 165 II, and 168, and provides information needed to use the program. The emulator program executes object programs for the IBM 709, 7090, 7094, and 7094 II Data Processing Systems, and runs as a problem program under the MPT, MVT, VSI, or VS2 configurations of the operating system. The Model 165 or Model 165 II must be equipped with the IBM Compatibility Feature #7119. The Compatibility Feature for the Model 168 is #7129. The emulator program uses the compatibility feature to perform the more complex and frequently occurring processes of emulation.

The manual also describes three programs that are distributed with the emulator: the tape preprocessor program, the tape postprocessor program, and the emulator system-output writer. The preprocessor and postprocessor programs are data manipulation programs that change the format of 7094 data. The writer prints 7094 data spooled on the SYSOUT data set.

System planners and programmers should use this manual for planning, generating, using, and modifying the emulator. Programmers responsible for executing 7094 programs should use the manual for instructions on processing 7094 data and executing the emulator. System operators should use the manual for instructions on how to communicate with the emulator program. All messages issued by the emulator and the data manipulation programs are included in an appendix.

Programmers and planners should be experienced with the IBM 709, 7090, 7094, or 7094 II Data Processing System and with the operating system, having a working knowledge of the MPT, MVT, VSI or VS2 configuration.

Manual, 96 pages
3165,3168/35//7094/

GC27-6985

DOS/VS QTAM MPPS (MESSAGE PROCESSING PROGRAM SERVICES)

This publication is intended for the problem programmer assigned to write a message processing program to support a QTAM-controlled telecommunications system operating under DOS/VS (Disk Operating System with Virtual Storage). Included is a general discussion of message processing programs, followed by a detailed description of the services QTAM provides in support of a message processing program. The QTAM services are provided through macro-language statements such as GET, PUT, OPEN, and CICEF. Also included is a discussion of services QTAM provides to enable the programmer to examine and modify the telecommunications system.

General information of interest to the programmer writing a message processing program (such as telecommunications applications, concepts and terminology, and message formats) is contained in the publications DCB/VS QTAM Message Control Program, GC27-6986.

Manual, 56 pages
/C/30//5745-010

GC27-6986

DOS/VS QTAM MCP (MESSAGE CONTROL PROGRAM)

The first part of this publication contains information of a general nature and is of interest to anyone, including managers, system analysts, and programmers, involved in planning or implementing a QTAM-controlled telecommunications system to operate under DOS/VS (Disk Operating System with Virtual Storage). The topics discussed include: devices supported; concepts and terminology; QTAM facilities; and applications supported.

The remaining two parts of this publication, beginning with the chapters on nonaudio and audio message handling respectively, describe in detail the problem programming necessary for constructing QTAM message control programs to support telecommunications applications. A thorough understanding of this publication requires a basic knowledge

of System/370 machine concepts and DOS/VS.
Manual, 264 pages
/C/30///5745-010

GC27-6987

INTRODUCTION TO VTAM (VIRTUAL TELECOMMUNICATIONS ACCESS METHOD) (LEVEL 2)

VTAM, the Virtual Telecommunications Access Method, handles the transfer of data between application programs and telecommunications devices. It is available under DOS/VS, OS/VS1, and OS/VS2.

This manual is intended for those who will decide whether or not to use VTAM, and as preliminary information for installation managers and system programmers who will install it. It discusses:

- o Definition of VTAM to the operating system
- o Operation of a VTAM telecommunications network
- o VTAM macro instructions
- o Operation of TCAM programs under VTAM
- o Reliability, availability, and serviceability features available to VTAM.

The reader should be familiar with teleprocessing concepts. System programmers should be familiar with the operating system with which they will use VTAM. This manual is available immediately in Mechanicsburg for planning purposes until VTAM Level 2 is available. Users of this manual for VTAM Level 1.1 should now order by the pseudo order number, GT27-6987.

Manual, 76 pages (8/75)
/C/30///5741

GC27-6989

DOS/VS BTAM

This publication describes the Basic Telecommunications Access Method (BTAM) used with DOS/VS (Disk Operating System with Virtual Storage). BTAM provides the READ/WRITE level macro instruction for the assembler-language programmer who is implementing programs for telecommunications applications.

Included are macro instruction formats and descriptions and specific information on device-dependent considerations.
Manual, 440 pages
/C/30///5745-010

GC27-6992

OS/VS2 HASP II VERSION 4 OPERATOR'S GUIDE - PROG 370H-TX-001

This publication consists of self-contained chapters, each of which provides information necessary to generate, install, and implement capabilities of the HASP program. It is designed primarily for system programmers responsible for generating, maintaining, and extending HASP features.
Manual, 180 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GC27-6993

OS/VS2 HASP II V4 OPERATOR'S GUIDE, PROG 370H-TX-001

This publication tells the computer operator how to use HASP II Version 4 with OS/VS2 Release 1. It presents specific operating techniques and operator commands for:

- o Starting, stopping, and restarting the HASP System
- o Handling system input and input devices
- o Handling system output and output devices
- o Controlling devices
- o Controlling jobs

Manual, 244 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GC27-6994

VTAM (LEVEL 2) MACRO LANGUAGE GUIDE

Describes how to write a VTAM application program. A VTAM application program is a program that contains VTAM macro instructions to request connection to and communication with telecommunications devices and subsystem supported by VTAM. This book should be used with reference publication, VTAM Macro Language Reference, GC27-6995.

The contents include:

An overview of VTAM application programs and their relation to other elements in a teleprocessing network.

Suggestions on how to organize a VTAM application program.

A discussion of the concepts, facilities, and language for opening and closing the program, and for connecting to and communicating with logical units and terminals.

Requirements and suggestions on using exit-routines, handling errors and special conditions in the network and debugging a VTAM application program. The user is assumed to be familiar with System/370 assembler language.

Prerequisite Publications: None, however; VTAM Concepts and Planning, GC27-6998, may be helpful in understanding the concepts of a VTAM network.

This manual is available immediately in Mechanicsburg for planning purposes until VTAM Level 2 is available. Users of this manual for VTAM Level 1.1 should now order by the pseudo order number, GT27-6994-0.

Manual, 290 pages, 8/75
/C/30///5741

GC27-6995

VTAM (LEVEL 2) MACRO LANGUAGE REFERENCE

This book is a reference manual that describes the VTAM macro instructions in detail.

VTAM is an access method that allows a program operating under a virtual storage operating system to communicate with the terminals of a teleprocessing network. The language that this book describes consists of the VTAM macro instructions with which the program prepares for and requests communication with the terminals.

This manual is used by installation personnel (typically systems programmers) who code the programs that provide an interface between the application programs and the teleprocessing network.

The reader should be familiar with Introduction to VTAM, (GC27-6987), Chapter 5 of VTAM Concepts and Planning, (GC27-6998), and with those parts of the OS/VS and DOS/VS Assembler Language (GC33-4010), that explains the rules for coding assembler expressions. The reader should also be familiar with the characteristics of the devices with which the program will be communicating, with the line-control discipline (start-stop or BSC) that will be used with teleprocessing concepts can read Data Communications Primer, GC20-1668.

This manual is available immediately in Mechanicsburg for planning purposes until VTAM Level 2 is available. Users of this manual for VTAM Level 1.1 should now order by the pseudo order number, GT27-6995-2.
Manual, 350 pages, 8/75
/C/30///

GC27-6996

OS/VS1 VTAM SYSTEM PROGRAMMER'S GUIDE

This publication is a reference manual for the system programmer who must install and maintain the IBM Virtual Telecommunications Access Method (VTAM) under OS/VS1.

This book does not explain how to define specific IBM subsystems or IBM data-base/data-communication programs that operate with VTAM, such as the IBM 3600 Finance Communication System or the IBM Customer Information Control System OS/VS. To get information on how to define those systems, refer to manuals for the particular system.

The book assumes that the reader is familiar with the overall concepts of VTAM, has planned his network configuration, and has chosen the major VTAM options he wants to use. A good way to achieve this familiarity and obtain the background needed to select VTAM options is to read VTAM Concepts and Planning, GC27-6998.

The following publications must be used with this book:
Operator's Library: GC27-6997

IBM 3704 and 3705 Communications Controllers: Network Control Program/VS Generation and Utilities; Guide and Reference Manual (for OS/VS and DOS/VS VTAM Users), GC30-3008.
Manual, 183 pages
/C/30///5741

GC27-6998

VTAM (LEVEL 2) CONCEPTS AND PLANNING

This publication provides a guide to planning for the installation and use of the Virtual Telecommunications Access Method (VTAM) in both DOS/VS and OS/VS. VTAM provides connection and telecommunication services between application programs and terminals. Terminals include logical units (telecommunication subsystem logic) on links using synchronous data-link control (SDLC) communication, certain devices on links using start-stop and binary synchronous communication, and local 3270 devices. The VTAM user can dynamically define, control and modify his telecommunication system; distribute function through the network; and share network resources among his application programs.

This publication describes VTAM's major concepts and facilities on both an installation and an application program level. It also describes VTAM's reliability, availability, and serviceability features, hardware and software requirements, and planning considerations for telecommunication security, resource sharing, and using VTAM other telecommunication access methods.

This publication is directed primarily to data processing managers and system programmers that are installing or considering installing a VTAM telecommunication system. A more general description of VTAM is provided in Introduction to VTAM, GC27-6987. This manual is available immediately in Mechanicsburg for planning purposes until VTAM Level 2 is available. Users of this manual for VTAM Level 1.1 should now order by the pseudo order number, GT27-6998-1.
Manual, 280 pages, 8/75
/C/30///5742

GC27-6999

AN INTRODUCTION TO PROGRAMMING THE IBM 3270

This book is for people who need to know what's involved in programming the 3270 Information Display System. It provides information on planning and coding the messages seen on the 3270 display screen and information on using access methods with the 3270. It is divided into five sections: Screen Design, Screen Management, BTAM Support, TCAM Support, and VTAM Support.
Manual, 8 1/2 x 11 inches, 156 pgs, 9/77
360,370//30//3271,3272,3275,3274,3276/

GC28-0600

OS/VS2 PLANNING AND USE GUIDE

This publication describes OS/VS2 to users responsible for selecting, evaluating, and implementing an OS/VS2 system. The purpose of this publication is to introduce VS2 concepts and to provide planning and use information. This publication assumes a knowledge of OS/MVT. (MVT is described in IBM System/360 Operating System: MVT Guide, GC28-6720.) This publication contains the following chapters:

- o Introduction
- o System Control Program
- o Standard Support Programs
- o Options
- o Compatibility
- o Defining the System
- o Job Management and Supervisor Services for System Programmers
- o Supervisor Macro Instructions for System Programmers
- o System Overview
- o Glossary

Related publications are:

Introduction to Virtual Storage in System/370, GR20-4260
 IBM System/370 System Summary, GA22-7001
 IBM Data Processing Glossary, GC20-1699
 OS/VS Virtual Storage Access Method (VSAM) Planning Guide, GC26-3799
 OS/VS1 Planning and Use Guide, GC24-5090.
 Systems Publication, 248 pages
 SL88 - ORDER NO. SUBSCRIPTION ONLY

tuning Guide, GC28-0681.

OS/VS2 System Programming Library: System Generation Reference, GC26-3792.

OS/VS2 Scheduler and Supervisor Logic, SY28-0624, SY28-0625, SY28-0626. (3 volumes)

OS/VS2 JCL, GC28-0692.

OS/VS Data Management Macro Instructions, GC26-3793.

OS/VS Checkpoint/Restart, GC26-3784.

OS/VS2 TSO Guide to Writing a Terminal Monitor Program or a Command Processor, GC28-0648.

OS/VS2 IBM 3540 Programmer's Reference, GC24-5111.

OS/VS2 System Programming Library: Service Aids, GC28-0674.

Manual

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GC28-0628

OS/VS2 SYSTEM PROGRAMMING LIBRARY: SUPERVISOR

This publication describes supervisor facilities that can be influenced by the system programmer.

Part I: Supervisor Services discusses supervisor functions restricted to system programmers and installation - approved personnel, and the macro instructions and parameters used to obtain the functions.

Part II: Macro Instructions contains the formats and descriptions of the supervisor macro instructions. It provides system programmers with the information necessary to code the macro instructions.

Manual

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GC28-0601

OS/VS2 RELEASE 1.7 GUIDE

This publication contains information about the scope and content of Release 1 of OS/VS2. It provides planning and implementation information for installation managers, system programmers, and IBM field personnel.

The publication describes special considerations, module information, and ordering and distribution procedures for Release 1 of OS/VS2.

Manual, 104 pages
 //34///5742

GC28-0629

OS/VS2 MVS SYSTEM PROGRAMMING LIBRARY: TSC

This publication provides information pertaining to installation-controlled TSO facilities and describes the Account and Operator commands and their associated subcommands.

This publication applies to OS/VS2 Release 3.7 and subsequent releases until otherwise indicated, and contains information that applies to the following selectable units:

- TSO/VTAM Level 1 (VS2.03.813)
- System Security Support (5752-832)
- TSP/VTAM Level 2 (5752-858)

Manual, 8 1/2 x 11 inches, 90 pages, 7/78

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GC28-0602

OS/VS MASTER INDEX

This publication consolidates the indexes of publications in the IBM System Library for OS/VS; it applies to both VS1 and VS2.

The master index lists topics alphabetically, and refers to publications where these topics are discussed. The indexes of these publications list the same topics and refers to specific pages.

Systems publication, 408 pages
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GC28-0636

OS/VS OLTEP MANUAL

This publication provides customer engineers, other qualified personnel, and operators with the information required to use the Online Test Executive Program (OLTEP).

OLTEP is a standard component of OS/VS that is designed to run online test programs, under control of the operating system, for the testing of Input/Output devices.

Messages issued by OLTEP are described in OS/VS Message Library: Service Aids and OLTEP Messages, GC38-1006.

Customer engineers should refer to F.E. Diagnostic Order Procedure, Z225-0505, for ordering procedures for online tests and their documentation.

Manual, 76 pages

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GC28-0607

INTRODUCTION TO JES3 RELEASE 3

This publication provides an overview of JES3 Release 3 (selectable unit ID 5752-826). The purpose of this manual is to provide introductory and planning information about JES3 components and concepts. Included in this manual is information about the services provided by JES3 and the interaction of these services with the user and the operating system. JES3 system configuration options are discussed along with installation planning considerations and RAS features.

Manual, 8 1/2 x 11 inches, 85 pgs, 4/78

/////5752-826

GC28-0640

OS/VS DYNAMIC SUPPORT SYSTEM

A combined language reference manual and user's guide for the Dynamic Support System (DSS).

DSS is a monitoring and debugging program that is intended for use by IBM Program Systems Representatives and user-authorized personnel. DSS helps identify and provide temporary corrections to software errors in the IBM Operating System with Virtual Storage (OS/VS).

This book has six sections. Section 1 describes the functions and capabilities of DSS. Section 2 describes the DSS command language. Section 3 is a summary of Section 2. Section 4 tells how to use DSS. Section 5 describes the formatted output (dumps and displays) produced by DSS. Section 6 describes the messages issued by DSS.

Before using DSS to debug OS/VS, the reader must know the internal logic of OS/VS.

Information about OS/VS2 is for planning purposes until is available in OS/VS2 Release 2.

Manual

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GC28-0608

OS/VS2 MVS SYSTEM PROGRAMMING LIBRARY: JES3SUID 5752-818

This manual has been revised to incorporate support for JES3 Release 3 which includes:

- SNA RJP support
- Data Set Integrity protection
- JES3 Common Quick-Cell Service
- Dynamic Allocation Fast Path
- JESMSG and RJP message spooling

Manual, 358 pages, 8/76

/////5752-826

GC28-0610

OS/VS2 MVS JES3 R2 SELECTABLE UNIT SYSTEM INFORMATION.SUID 5752-812

Summarizes new functions and enhancements for JES3 Release 2, and provides planning and storage estimate information. This information is for assisting installation managers, system programmers, and IBM Field Engineering personnel.

Prerequisite publication: Introduction to JES3,

GC28-0607

Manual, 23 pages, 8/76

/////5752-812

GC28-0645

OS/VS2 TSC TERMINAL USER'S GUIDE

This publication describes how to use TSC command language to perform the following basic functions:

- Start and end a terminal session
- Enter and manipulate data
- Program at the terminal
- Test a program
- Write and use command procedures

No prior knowledge of TSO is required to use this publication and there are no prerequisite publications. After becoming familiar with the information presented in this manual, you should use OS/VS2 TSO Command Language Reference, GC28-0646, for further reference.

This publication applies to OS/VS2 Release 3.7 and subsequent releases until otherwise indicated, and contains information that applies to the following selectable units:

- TSO/VTAM Level 1 (VS2.03.813)

GC28-0627

OS/VS2 SYSTEM PROGRAMMING LIBRARY: JOB MANAGEMENT

This publication describes the job management facilities and is intended for use by the system programmer.

Publications referenced:

OS/VS2 System Programming Library: Initialization and

• System Security Support (5752-832)
 • TSO/VTAM Level 2 (5752-858)
 Manual, 8 1/2 x 11 inches, 250 pages, 8/78
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GC28-0646

OS/VS2 TSO COMMAND LANGUAGE REFERENCE

This publication describes the commands, operands, and syntax of the S/370 TSO command language. It is intended for use at a terminal as a reference. The prerequisite publication, TSO Terminal User's Guide, GC28-0645, describes what commands are used to perform specific functions. The TSO Command Language Reference also describes the statements used in command procedures and contains appendixes that describe AMS commands and program product commands.

This publication applies to OS/VS2 Release 3.7 and subsequent releases until otherwise indicated, and contains information that applies to the following selectable units:
 Data Management (VS2.03.808)
 TSO/VTAM Level 1 (VS2.03.813)
 System Security Support (5752-832)
 TSO/VTAM Level 2 (5752-858)

Manual, 8 1/2 x 11 inches, 388 pages, 6/78
 //39///

GC28-0648

OS/VS2 TSO GUIDE TO WRITING A TERMINAL MONITOR PROGRAM OR COMMAND PROCESSOR

This publication describes how to modify or replace the terminal monitor program (TMP) and TSO command processors, and describes the programming features provided within TSO for user-written TMPs, command processors, and application programs. The reader of this publication should have a knowledge of the structure of TSO. This publication applies to OS/VS2 Release 3.7 and subsequent releases until otherwise indicated, and contains information that applies to the following selectable units:

- Supervisor Performance #2 (VS2.03.807)
- TSO/VTAM Level 1 (VS2.03.813)
- System Security Support (5752-832)
- TSO/VTAM Level 2 (5752-858)

Manual, 316 pages
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GC28-0663

DOS/VS AND OS/VS TOLTEP FOR VTAM

This publication provides the information needed to use the Teleprocessing Online Test Executive Program (TOLTEP) for VTAM, which is automatically included in the system with VTAM, controls the selection, configuration, and use of online tests (OLTS) for terminals supported by the Virtual Telecommunications Access Method (VTAM) that use the basic mode of data transfer.

Manual, 60 pages
 /C/37///5752

GC28-0665

OS/VS1 SERVICE AIDS

This publication explains when, why, and how to use IBM service aids to diagnose and fix failures in system or application programs. Each service aid is discussed in a separate chapter. The service aids are:

- o GTF (Generalized Trace Facility) traces selected system events such as SVC and I/O interruptions.
- o IMCJOBQD -- Operates as a standalone program to format and print the system job queue. System events such as SVC and I/O interruptions.
- o HMBLIST -- Formats and prints object modules, load modules, and CSECT identification records; maps reenterable load module area.
- o IMCOSJQD -- Operates as a problem program to format and print the system job queue.
- o HMDDPRMP -- Formats and prints dump data sets, which may include page data sets and GTF trace data.
- o HMADPTFILE -- Updates an operating system by applying PTFs or by generating JCL statements needed to apply PTFs or ICRs in a later step.
- o HMDSADMP -- Operates as a standalone program to produce high-speed or low-speed dump of real storage. The high-speed version can also dump page data sets.
- o HMASPZAP -- Verifies and/or replaces instructions and/or data in a load module. Information about how to write PRDMP/EDIT user exit programs is provided in a separate appendix. Messages issues by the service aids are described in OS/VS Message Library: Service Aids and CLTEP Messages.

Systems Publication
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GC28-0666

OS/VS1 OLTEP

This publication provides customer engineers, other qualified personnel, and operators with the information required to use the Online Test Executive Program (OLTEP).

OLTEP is a standard component of OS/VS that is designed to run online test programs, under control of the operating system, for the testing of Input/Output devices.

Messages issued by OLTEP are described in OS/VS Message Library: Service Aids and OLTEP Messages, GC38-1006. Customer engineers should refer to F.E. Diagnostic Order

Procedure, 2225-0505, for ordering procedures for online tests and their documentation.

Manual
 //37///5741

GC28-0668

OS/VS1 SYS1.LCGREC ERROR RECORDING : REL 5;
 WITH GN25-0318, REL 6

This publication is intended for system operators, programmers, and administrators involved in using the information on the SYS1.LCGREC data set under the OS/VS1 system control program. This publication describes:

- o Why and how the different types of error records are built and recorded on SYS1.LCGREC.
- o The service aid programs that can be used to maintain and retrieve information on SYS1.LCGREC.

Messages issued by the IFCDFP00 and IFCEREF0 service aids are described in OS/VS Message Library: Service Aids and OLTEP Messages, GC38-1006.

Manual
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GC28-0670

OS/VS2 INDEPENDENT COMPONENT: JES3 RELEASE GUIDE (OS/VS2
 RELEASE 3)

Informs a JES 3 user how to incorporate JEE3 into an OS/VS2 Release 3 system. It also contains information which temporarily supplements other OS/VS2 publications.

Manual
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GC28-0673

OS/VS SYSTEM MODIFICATION PROGRAM (SMP)
 SYSTEM PROGRAMMERS GUIDE

This publication contains information about the System Modification Program (SMP). This information is intended for use by IBM personnel and system programmers responsible for changing and redesigning the installation's operating system. The reader should be experienced in using and modifying VS operating systems.

This publication describes how to use the program and gives its storage requirements. It includes all the control statements required with coding examples illustrating the various SMP functions.

The appendix contains the SMP messages, a data set requirement chart, and a cataloged procedure.

Systems Publication
 //37///5741

GC28-0674

OS/VS2 MVS SYSTEM PROGRAMMING LIBRARY: SERVICE AIDS

This publication explains how, why, and when to use IBM service aids programs for MVS when diagnosing and fixing failures in system or application programs. It is intended for system programmers and IBM program support representatives.

This publication describes:

- GTF (Generalized Trace Facility) - Traces selected system events such as SVC and I/O interruptions.
 - AMBLIST - Formats and prints object modules, load modules, and CSECT identification records; maps reenterable load module area.
 - AMDDPRMP - Formats and prints dump data sets, which may include GTF trace data.
 - AMADPTFILE - Updates an operating system by applying PTFs or by generating JCL statements needed to apply PTFs or ICRs in a later step.
 - AMDSADMP - Operates as a stand-alone program to produce a dump of real and virtual storage.
 - AMASPZAP - Verifies and/or replaces instructions and/or data in a load module.
- This publication includes information related to:
- VTAM Level 2 - S01
 - Supervisor Performance #2 - S07
 - IBM 3800 Printing Subsystem - S010
 - Service Data Improvements - S017
 - Dumping Improvements - S033
 - Processor Support - S051
 - Interactive Problem Control System (IPCS) - S057
 - MVS/System Extensions - Program Number 5740-XE1
- Manual, 8 1/2 x 11 inches, 260 pages, 8/78
 //37///5752

GC28-0675

OS/VS2 OLTEP

This publication provides customer engineers, other qualified personnel, and operators with the information required to use the Online Test Executive Program (OLTEP). OLTEP is a standard component of OS/VS that is designed to run online test programs, under control of the operating system, for the testing of Input/Output devices.

Messages issued by OLTEP are described in OS/VS Message Library: Service Aids and OLTEP Messages, GC38-1006.

Customer engineers should refer to F.E. Diagnostic Order Procedure, 2225-0505, for ordering procedures for online tests and their documentation.

Manual
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GC28-0677

OS/VS2 SYSTEM PROGRAMMING LIBRARY: SYS1.LOGREC ERROR RECORDING FOR MVS

This publication is intended for system operators, programmers, and administrators involved in using the information on the SYS1.LOGREC data set under the OS/VS2 system control program.

This publication describes:

- o Why and how the different types of records for hardware and software failures and system conditions are built and recorded on SYS1.LOGREC
- o The service aid program (IFCDIP00 and IFCEREPO) that can be used to maintain and retrieve information on SYS1.LOGREC.

Messages issued by the IFCDIP00 and IFCEREPO service aids are described in OS/VS Message Library: Service Aids and OLTEP Messages, GC38-1006.
Manual, 92 pages
//37//5752

GC28-0681

OS/VS2 MVS SYSTEM PROG LIBR INITIALIZATION AND TUNING GUIDE

This book contains information on the following general topics:

- o System parameters in SYS1.PARMLIB
- o How to use the System Resource Manager (SRM)
- o How to use the System Activity Measurement Facility (MF/1)
- o System performance factors, such as those affecting VIO, catalog, device allocation, the use of SMF as a tuning aid, the pageable link pack areas, and paging data sets

Changes have been made throughout this publication to reflect a service update to OS/VS2 Release 3.7 and include the listed Selectable Units:

SUPERVISOR PERFORMANCE #2

Information was added for supervisor performance #2 in the following areas:

- A redesigned system resources manager (SRM).
- A redesigned auxiliary storage manager (ASM).

TSO/VTAM

Information was added for TSO/VTAM in the following area:

- A new parmlib member description for TSOKEY00

MSS ENHANCEMENTS

Information was added for MSS Enhancements in the following area:

- The description of the VATLSTX parmlib member has been updated to indicate the handling of MSS entries.

DUMPING IMPROVEMENTS

Information was added for Dumping Improvements in the following areas:

- Addition of the IEADMR00 parmlib member.
- Addition of new parameters to the IEAABD00 and IEADMP00 parmlib members for dumps specified by the SYSABEND and SYSUDUMP DD statements.
- Addition of information on estimating the size of the SYS1.DUMP data set for SVC dumps of multiple address spaces.

HARDWARE RECOVERY ENHANCEMENTS

Information was added for Hardware Recovery Enhancements in the following areas:

- Changes to the PAGE parameter description.
- Changes to the PLPA data set size.
- Changes to the common page data set size.

TSO/VTAM LEVEL 2

Information was added for TSO/VTAM Level 2 in the following area:

- Two new parameter descriptions for the TSOKEY00 parmlib member

MODEMODESWPROCESSOR SUPPORT

Information was added for Processor Support in the following areas:

- "The first IPL after Sysgen".
- "CPU Service".

The sectioned title "Part 2: Storage Management Overview", has been incorporated in this publication from OS/VS2 System Programming Library: Storage Estimates, GC28-0604-4.

Manual, 8 1/2 x 11 inches, 360 pgs, 5/78

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GC28-0683

OS/VS2 MVS SUPERVISOR SERVICES & MACRO INSTRUCTIONS

This publication describes the services of the supervisor, the macro instructions used to request these services, and the linkage conventions used by the control program to provide these services. The book is intended for the applications programmer coding in assembler language. Changes have been made throughout this publication to reflect a service update to OS/VS2 Release 3.7 and include the following listed Selectable Units:

SUPERVISOR PERFORMANCE #2 GN28-2713

Information was added for Supervisor Performance #2 in the following areas:

- The addition of the RACHECK macro instruction for checking the authorization of RACF-protected data sets.

IBM 3800 PRINTING SUBSYSTEM GN28-2713

Information was added to support the IBM 3800 Printing Subsystem in the following areas:

- Changes to the parameters in the control block for dumps.

- Changes to the SNAP macro instruction.

SYSTEM SECURITY SUPPORT GC28-0842

Information was added for System Security Support in the

following areas:

- Additional specifications for the CLASS parameter in the RACHECK macro instruction.
- Addition of the OLEVOL parameter to the RACHECK macro instruction.

DUMPING IMPROVEMENTS GC28-0821

Information was added for Dumping Improvements in the following areas:

- SYSMDUMP has been added to the DD statements that can be specified for ABEND dumps.
- Changes to the SNAP macro instruction include the TRI, DM, ERR and I/O SDATA codes, and the STRHDR parameter.

Manual, 8 1/2 x 11 inches, 230 pgs, 3/78

//36//5752

GC28-0688

OS/VS2 MVS SYSTEM PROGRAMMING LIBRARY: VTAM (LEVEL 2)

Provides the necessary information for defining a VTAM network in an OS/VS2 system environment. It describes the interfaces that must be created between the user's VTAM application programs and the system. It also describes how the system can be modified to better serve the needs of the VTAM user.

This book is intended for system programmers who are primarily concerned with system generation and VTAM network definition.

Prerequisite publications are:
VTAM Concepts and Planning, GC27-6998
Manual, 300 pages, 1/76
/C30//5752

GC28-0689

OS/VS2 CONVERSION NOTEBOOK

Documents the impact of certain features and facilities on an installation's conversion process: documents experiences with OS/VS2 Multiple Virtual Storage (MVS) at internal IEM installations, field test installations, and user installations and supplements existing publications in the MVS library. Also includes conversion considerations for Selectable Units. As such, the material is not submitted to any formal IEM testing. Users must evaluate the applicability of the recommendations at their installations before implementing them.

Intended for installation managers, installation system programmers, and others responsible for converting from OS/MVT, OS/VS2 Single Virtual Storage or one MVS release level to the latest MVS release level. Reader is expected to be familiar with MVS system (such as found in IBM System/370 Summary, GA22-7001) and with the information in the applicable MVS release guide.

This book is not intended to present a comprehensive description of the conversion process, to describe the features and facilities of MVS, to replace existing publications, or to provide information on tuning and performance. This book also does not explain how to plan for operating with MVS program products (such as CICS/VS), specific industry-oriented IEM subsystems (such as the IEM 3600 Finance Communication System), and the IEM 3850 Mass Storage System.

The chapters are organized to cover these distinct conversion steps: overview and MVS planning, system generation and initialization, catalog conversion, JES2, JES3, TSO, accounting, system integrity, RAS and problem determination, multiprocessing, teleprocessing networks, and application, operator, and miscellaneous considerations. Except for the first chapter, each chapter is divided into two parts:

- o Introductory information that lists the publications relevant to that conversion step and, if necessary, background information on that topic.
- o A series of bulletins that contain hints or considerations for that conversion step.

The introductory information in each part first presents general conversion considerations and then any unique considerations for specific conversion paths.

Manual, 8 1/2 x 11 inches, 500 pgs., 5/77
//34//5742,5752

GC28-0692

OS/VS2 MVS JCL

This publication contains the information necessary to code job control language (JCL), job entry subsystem 2 (JES2), and job entry subsystem 3 (JES3) statements. It is intended for use by programmers who code JCL, JES2, and JES3 control statements and who understand the concepts of job management and data management.

The publication applies to OS/VS2 MVS Release 3.7 and includes information related to the following Selectable Units (SUs):

- SU3 - JES2 Release 4.0
- SU4 - Scheduler Improvements
- SU7 - Supervisor Performance #2
- SU10 - IBM 3800 Printing Subsystem
- SU18 - JES3 3850 Mass Storage System
- SU24 - MSS Enhancements
- SU25 - JES 2 Release 4.1
- SU29 - 3838 Vector Processing Subsystem Support
- SU33 - Dumping Improvements
- SU48 - IEM 3800 Printing Subsystem - 12 lines per inch

The first part of the publication is tutorial, explaining the use of the various statements and parameters. The second part explains each parameter for the JCL, JES2, and JES3 statements. The third part contains reference tables and a glossary.

Manual, 8 1/2 x 11 inches, 385 pages, 12/77
//36///5752

Handbook, 4x7 inches, 6 hole punched
//37///5752

GC28-0695

OS/VS2 TSO SUPPORT FOR VS BASIC: REL 1.6, 1.7
This publication describes the external features of TSO that support VSBASIC or an equivalent for OS/VS2 Release 1.6. It is intended for use by the terminal user and the system programmer.

Only changes resulting from VSBASIC support are documented in this publication.
Manual, 20 pages
//39///5742

GC28-0703

OS/VS2 MVS SYSTEM PROGRAMMING LIBRARY: JES3 DEBUGGING GUIDE SUID 5752-826 RELEASE 3

This publication contains debugging and service aids for JES3, Release 3 (SUID 5752-826) which provides support for SNA RJP devices.

The purpose of this manual is to provide reference information for use in debugging JES3 and user-written extensions of JES3. It is intended for use by both customer and IBM service personnel to provide information on the use of these aids in problem determination and debugging.

Manual
//39///5752-826

GC28-0706

OS/VS2 SYSTEM MANAGEMENT FACILITIES (SMF)

This publication assists installation managers and system programmers in planning for, installing, and using System Management Facilities (SMF). SMF collects records accounting, data set, subsystem, system and volume information. It also has exits that can link to user-written routines for monitoring a job or job step.

The publication describes the basic SMF functions and the relationship of SMF to the operating system and to user-written exit routines. It also explains:

- o How to include user written exit routines in the operating system.
- o The additional storage required by SMF.
- o How to switch and dump the SMF data sets.
- o How to plan, write and test exit routines.
- o When each SMF record is written and the information contained in each record.

Manual
//34///5752

GC28-0707

OS/VS2 RELEASE 3.7 GUIDE

The information in this manual is for assisting installation managers, system programmers, and IBM Field Engineering personnel in planning for Release 3.7 of OS/VS2. It describes OS/VS2 Release 3.7 enhancements to the base Release 3.0 system, special system generation and programming considerations, change activity, and ordering and distributing procedures. It also contains lists and charts depicting the OS/VS2 Release 3.7 library, and mappings of OS/MVT and OS/VS2 Release 1.0/1.6 publications into their OS/VS2 Release 3.7 counterparts.

Manual
//34///5752

GC28-0708

OS/VS2 DEBUGGING HANDBOOK VOLUME 1

This publication provides reference information for use in debugging user or system programs. The user of this publication should have a working knowledge of OS/VS2 functions and logic.

This two volume handbook has eight sections, as follows:
Volume 1-GC28-0708

- o Section 1 describes an approach to debugging based on identification and analysis of system status indicators.
- o Section 2 summarizes major OS/VS2 debugging aids, and includes reprints of VS2 information from the following reference cards:
OS/VS Service Aids Reference Summary, GX28-0634
OS/VS DSS Command Language Reference Summary, GX28-0690
- o Section 3 describes dump and trace output of debugging aids summarized in Section 2.
- o Section 4 summarizes major system error indicators.
- o Section 5 provides general reference information useful for debugging purposes.
- o Section 6 lists and categorizes OS/VS2 publications.

Volume 2 - GC28-0709

- o Section 1 shows how to find information in a dump.
- o Section 2 illustrates the logical relationships of major system data areas, describes the formats of data areas used frequently in debugging, and provides a directory of data areas documented in other publications.

The handbook is intended for use in conjunction with the System/370 Reference Summary, GX20-1850, a reference card that provides additional information useful in debugging.

Please note that if you use only one order number, you will only receive that volume. To receive both volumes, you must use both order numbers or the following form number: GBOF-8211.

GC28-0709

OS/VS2 DEBUGGING HANDBOOK VOLUME 2

This publication provides reference information for use in debugging user or system programs. The user of this publication should have a working knowledge of OS/VS2 functions and logic.

This handbook has eight sections, as follows:

Volume 1 - GC28-0708

- o Section 1 describes an approach to debugging based on identification and analysis of system status indicators.
- o Section 2 summarizes major OS/VS2 debugging aids, and includes reprints of VS2 information from the following reference cards:
OS/VS Service Aids Reference Summary, GX28-0634
OS/VS DSS Command Language Reference Summary, GX28-0690
- o Section 3 describes dump and trace output of debugging aids summarized in Section 2.
- o Section 4 summarizes major system error indicators.
- o Section 5 provides general reference information useful for debugging purposes.
- o Section 6 lists and categorizes OS/VS2 publications.

Volume 2 - GC28-0709

- o Section 1 shows how to find information in a dump.
- o Section 2 illustrates the logical relationships of major system data areas, describes the formats of data areas used frequently in debugging, and provides a directory of data areas documented in other publications.

The handbook is intended for use in conjunction with the System/370 Reference Summary, GX20-1850, a reference card that provides additional information useful in debugging.

Please note that if you use only one order number, you will only receive that volume. To receive both volumes, you must use both order numbers or the following order number: GBOF-8211.

Handbook, 4x7 inches, 6-hole punched
//37///5752

GC28-0710

OS/VS2 DEBUG HANDBOOK VOL 3

No abstract available.

Manual, 570 pages

//37///5752

GC28-0722

OS/VS2 MVS RESOURCE ACCESS CONTROL FACILITY (RACF) - GENERAL INFORMATION MANUAL - PROG PROD 5740-XXB

This publication contains overview and planning information for Version 1, Release 3 of the Resource Access Control Facility (RACF) program product (5740-XXB). It is intended for the use of installation managers and personnel responsible for system data security. It is assumed that the reader is familiar with OS/VS2 (MVS).

RACF is a program product that provides access control by identifying and verifying system users, authorizing access to system resources and logging detected unauthorized attempts to enter the system and detected accesses to protected resources.

Manual, 8 1/2 x 11 inches, 56 pgs, 3/78

////5740-XXB

GC28-0723

OS/VS2 MVS SCHEDULER IMPROVEMENTS SELECTABLE UNIT SYSTEM INFORMATION, SUID 5752-804

This manual is intended to assist installation groups, system programmers, and IBM Field Engineering in planning for MVS.

It describes the Scheduler Improvements Selectable Unit for MVS. It identifies features and enhancements, special system generation and programming considerations, change activity and ordering procedures associated with the Scheduler Improvements Selectable Unit.

Manual
////5752-804

GC28-0724

OS/VS2 MVS SUPERVISOR PERFORMANCE #1 SELECTABLE UNIT SYSTEM INFORMATION, SUID 5752-805

This manual is intended to assist installation groups, system programmers, and IBM Field Engineering in planning for MVS.

It describes the Supervisor Performance #1 Selectable Unit for MVS. It identifies features and enhancements, special system generation and programming considerations, change activity and ordering procedures associated with the Supervisor Performance #1 Selectable Unit.

Manual
////5752-805

GC28-0725

OS/VS2 SYSTEM PROGRAMMING LIBRARY: MVS DIAGNOSTIC TECHNIQUES

This publication describes diagnostic techniques that have been successful for problem isolation and determination on MVS systems. It is written for system programmers and IBM program service representatives who understand MVS internal

logic and who are involved in debugging MVS system problems.

This publication stresses a single debugging approach: identifying an external symptom of a problem; gathering relevant data from system data areas to isolate the problem to a component; and analyzing the component to determine the problem.

Manual
//37///5752

GC28-0727

OS/VS2 MVS SUPERVISOR PERFORMANCE #2 SELECTABLE UNIT SYSTEM INFORMATION, SUID 5752-807

This publication contains general information about Supervisor Performance #2. This information is for installation managers, system programmers, and IBM field engineers.

Supervisor Performance #1 must be installed before Supervisor Performance #2.

Manual
/////5752-807

GC28-0728

OS/VS2 MVS SERVICE DATA IMPROVEMENTS SELECTABLE UNIT SYSTEM INFORMATION, SUID 5752-817

This publication presents the highlights of Service Data Improvements. It also describes special programming considerations, planning information, ordering and distribution procedures, and publications support for Service Data Improvements. The publication is intended for installation managers, system programmers, and IBM Field Engineering personnel. It is assumed that readers have a basic knowledge of OS/VS2 MVS

Manual
/////5752-817

GC28-0731

OS/VS2 MVS ATTACHED PROCESSOR SYSTEM SELECTABLE UNIT SYSTEM INFORMATION, SUID 5752-806

This manual describes highlights of the Attached Processor System. It also describes special programming considerations, planning information, ordering and distribution procedures, and publications support for the Attached Processor System software. This manual is intended for installation managers, system programmers, and IBM Field Engineering personnel.

Manual, 21 pages, 5/76
/////5752-806

GC28-0732

OS/VS2 MVS RESOURCE ACCESS CONTROL FACILITY (RACF), PROG PROD 5740-XXB SPECIFICATIONS

This Program Product Specifications (PPS) describes the warranted specifications for Version 1 Release 2 of the subject Program Product.

Flyer, 8 1/2 x 11 inches, 2 pgs, 5/77
/////5740-XXB

SC28-0733

VS2 MVS RACF COMMAND LANGUAGE REFERENCE, PROG PROD 5740-XXB

This publication describes the syntax and functions of the RACF program product commands for Version 1 Release 2. It is intended for RACF-defined users who are responsible for creating, updating, or maintaining the profiles for users, groups, and resources on the RACF data set.

Readers must be familiar with the RACF concepts and terminology described in the RACF General Information Manual, GC28-0722.

Manual, 8 1/2 x 11 inches, 124 pages, 5/77
/////5740-XXB

SC28-0734

OS/VS2 MVS RACF INSTALLATION REFERENCE MANUAL, PROG PROD 5740-XXB

This publication provides installation managers and system programmers with detailed information required to plan for, install, and maintain Version 1 Release 2 of the program product RACF. Readers must be familiar with the RACF concepts and terminology described in the RACF General Information Manual, GC28-0722.

Manual, 8 1/2 x 11 inches, 224 pgs, 5/77
/////5740-XXB

GC28-0736

OS/VS2 MVS RESOURCE MEASUREMENT FACILITY (RMP) GENERAL INFORMATION, PROG PROD 5740-XXM

The Resource Measurement Facility General Information Manual is intended for installation managers and system programmers who are responsible for tuning an OS/VS2 (MVS) system. The manual provides an overview of the application area and specifies the functions included in RMP. It provides adequate information to enable a potential user to determine whether the program would be useful to him and the information necessary to plan for its implementation.

Manual
/////5740-XXM

SC28-0740

OS/VS2 MVS RESOURCE MEASUREMENT FACILITY (RMP) REFERENCE AND USER'S GUIDE, PROG PROD 5740-XXM

This publication is intended for system programmers responsible for installing, controlling, and supporting the Resource Measurement Facility program product on an OS/VS2 MVS system. Readers should have a background in OS/VS2 MVS.

Manual
/////5740-XXM

GC28-0746

OS/VS2 MVS TSC COMMAND PACKAGE PROG PROD 5740-XI6 SPECIFICATIONS

No abstract available.

Flyer, 2 pages
/////5740-XT6

GC28-0747

SELECTABLE UNIT INSTALLATION GUIDE

The Selectable Unit Installation Guide is applicable to the MVS Release 3.7 (5752) and VS1 Release 6.0 (5741) systems, and introduces the concept of selectable units in the MVS/VS1 packaging process. The guide describes typical install options available to the user for single and multiple selectable units and associated service. Selectable units are discussed in general and are not specifically identified by name or number. This guide is intended for installation system programmers and other personnel responsible for supporting and servicing the MVS/VS1 system selectable units. The reader of this book is assumed to have a working knowledge of system generation and the use of the System Modification Program (SMP), as well as system control programming in general. This book is not intended to describe MVS/VS1 features, facilities, or program products; to replace existing publications, or to provide information on utilization, tuning, performance, or operation.

Manual, 8 1/2 x 11 inches, 56 pages, 10/77
//34///5752,5741

SC28-0748

OS/VS2 MVS TSC COMMAND PACKAGE, LIC PROG 5740-XI6, 5740-XE1, USER'S GUIDE AND REFERENCE

This publication provides information pertaining to functions available to TSC users after the installation of the OS/VS2 MVS TSO Command Packages program product. The publication is intended to convey how-to, command syntax, and system programmer information required for utilization OS/VS2 release 3.7 is a prerequisite to the functions OS/VS2 Release 3.7 is a prerequisite to the functions documented herein. The TSO user of this program product must use this publication in conjunction with the existing Release 3.7 TSO library to have a complete description of the overall TSO option.

With the MVS/System Extensions Release 2 (Program Number 5740-XE1) installed with this program product you now have several new functions available with the DISPLAY and ICGCN command subcommand.

Manual
/////5740-XT6

GC28-0772

OS/VS ENVIRONMENTAL RECORDING EDITING AND PRINTING (EREP) PROGRAM, SUID 5741-601, 5752-827, ICR 5742

The OS/VS Environmental Recording Editing and Printing (EREP) Program supports Releases 5 and 6 of OS/VS1 Release 1.7 of OS/VS2 (SVS) and Releases 3.0, 3.6 and 3.7 of OS/VS2 (MVS).

IFCEREPI is a service aid program that provides information for management and maintenance of a computer system across three operating systems (OS/VS1, OS/VS2 (SVS), and OS/VS2 (MVS)). An expanded parameter capability and improved history processing performance are provided. Three new reports - System Summary, Trend Report Event History and a capability of indicating shared devices have been added. The System/370 is the only computer supported by this new version of EREP.

Manual, 12/76
//37///5749

GC28-0813

OS/VS2 MVS SCHEDULER/IOS SUPPORT SELECTABLE UNIT SYSTEM INFORMATION, 5752-816

This publication contains general information about the Scheduler/IOS Support Selectable Unit for OS/VS2 MVS. It is divided into two major sections:

- Chapter 1: Introduction - contains overview information about the Scheduler/IOS Support Selectable Unit, and the selectable units for which the Scheduler/IOS Support Selectable Unit is a prerequisite.
- Chapter 2: Planning - contains machine requirements, programming requirements, storage requirements, publications support, and module lists for the Scheduler/IOS Support Selectable Unit.

This publication is intended to provide planning information for installation managers, system programmers, and IBM Field Engineering personnel. It is assumed that readers have a basic knowledge of OS/VS2 MVS.

For specific information about related publications, see "Publications Support" in "Chapter 2: Planning".

For general information on installing selectable units, see MVS Selectable Unit Installation Guide, GC28-0747.

In this manual, any reference made to an IBM program product is not intended to state or imply that only IBM's program product may be used; any functionally equivalent program may be used instead. This manual refers to the following IBM program product:

RACF - Resource Access Control Facility, Program Number 5740-XXH
Manual, 8 1/2 x 11 inches, 16 pgs, 3/77
/////5752-816

GC28-0815

OS/VS2 MVS DUMPING IMPROVEMENTS, SELECTABLE UNIT 5752-833: SYSTEM INFORMATION

This publication presents an overview of the functions provided by Dumping Improvements Selectable Unit (5752-833), planning information, and publications support for Dumping Improvements. It is intended for installation managers, system programmers, and IBM Field Engineering personnel. It is assumed that readers have a basic knowledge of OS/VS2 MVS.

Manual, 28 pages, 3/77
/////5752-833

GC28-0834

OS/VS2 MVS 3838 VECTOR PROCESSING SUBSYSTEM SUPPORT SELECTABLE UNIT SYSTEM INFORMATION - SUID 5752-829

This publication presents OS/VS2 MVS 3838 Vector Processing Subsystem Support Selectable Unit highlights. It also describes special programming considerations, planning information, and publications support for 3838 VPSS Support. This publication is intended for installation managers, system programmers, and IBM Field Engineering personnel. It is assumed that readers have a basic knowledge of OS/VS2 MVS.

Manual, 24 pgs., 8/77
/////5752-829

GC28-0835

OS/VS2 MVS SYSTEM SECURITY SUPPORT SELECTABLE UNIT SYSTEM INFORMATION (SU ID 5752-832)

This publication contains general information for the subject MVS selectable unit. It is intended for installation managers, system programmers, and IBM Field Engineering personnel responsible for planning, installing, and maintaining the selectable unit. Readers must have a basic knowledge of OS/VS2 MVS.

Manual, 20 pgs
/////5752-832

GC28-0840

OS/VS2 MVS ATTACHED PROCESSOR SYSTEM FOR 370 MODELS 158, 168 SELECTABLE UNIT SYSTEM INFORMATION (SU ID 5752-847)

This manual describes highlights of the Attached Processor System. It also describes special programming considerations, planning information, and publication support for the Attached Processor System software.

This publication is intended for installation managers, system programmers, and IBM Field Engineering personnel. It is assumed that the readers have a basic knowledge of OS/VS2 MVS.

Manual, 8 1/2 x 11 inches, 24 pgs, 4/77
/////5752-847

GC28-0870

OS/VS EREP INDEPENDENT COMPONENT RELEASE SYSTEM INFORMATION

Environmental Recording Editing and Printing (EREP) Program Virtual System (FERST/VS) is an advanced teleprocessing system operating under Customer Information Control System/Virtual Storage (CICS/VS), designed to provide the operations management of a motor freight carrier with timely and accurate information.

- OS/VS1 Release 5.0 multidestination routing, group broadcasting and re-route capabilities, conversational edit and error

Each installation requires at least one copy of the System Messages because some of the messages will appear at the console or in output listings no matter which options are included in the operating system.

The new and revised messages for EREP are provided in this document.

NOTE: The included Messages can be used in conjunction with the following publications:

TITLE	BASE NUMBER	SYSTEM/RELEASE
OS/VS1 Message Library: Service Aids and OLTEP Messages	GC23-0005-0	OS/VS1 Release 1
OS/VS2 Message Library: Service Aids and OLTEP Messages	GC23-0006-0	OS/VS2 (MVS) Release 3.0 and 3.6
OS/VS2 Message Library: Service Aids and OLTEP Messages	GC38-1006-2 (GT00-0129-2)	OS/VS2 (SVS) Release 1.7

Manual, 8 1/2 x 11 inches, 16 pgs, 2/77
//37///5752,5742,5741

GC28-0871

IBM OS/VS2 MVS/SYSTEM EXTENSIONS, LIC PROG 5740-XE1, DESIGN OBJECTIVES

This Licensed Program Design Objectives (LPDO) describes the design objectives for the program product OS/VS2 MVS/System Extensions Release 1.

Manual, 8 1/2 x 11 inches, 4 pgs, 5/77
/////5740-XE1

GC28-0872

OS/VS2 MVS/SYSTEM EXTENSIONS GENERAL INFORMATION, PROG PROD 5740-XE1

This publication contains overview and planning information for Release 1 Modification Level 0 (R1.0) and the Processor Support 2 Feature of OS/VS2 System Extensions, Program Number 5740-XE1. It is intended for installation managers, system programmers, and IBM Field Engineering personnel. for Release 1, Modification Level 0 of OS/VS2 MVS System Extensions. It is intended for installation managers, system programmers, and IBM Field Engineering personnel. Readers should have a background in OS/VS2 MVS.

MVS/System Extensions is a licensed program that provides performance improvements and additional resource control mechanisms for the MVS system control program.
Manual, 8 1/2 x 11 inches, 34 pages, 12/78
/////5740-XE1

GC28-0886

OS/VS2 MVS PERFORMANCE NOTEBOOK

The subject of the OS/VS2 MVS Performance Notebook is performance evaluation: the process of tuning a system to meet performance expectations and to optimize use of the system resources. (Although configuration planning and capacity planning are related to performance evaluation, they are not explicitly addressed in the book; benchmarking aspects of performance evaluation also are not addressed.) The purpose of the book is to document the experience of MVS performance analysts so that the reader can evaluate the performance of his system in a disciplined way and with some degree of confidence that the evaluation will succeed in identifying his system's problem areas.

The performance Notebook is written for system programmers/analysts who are responsible for the performance evaluation of their installation's system. The reader should have experience in tuning complex systems and a thorough knowledge of MVS concepts and facilities.

Information in the book is a combination of performance theory and MVS tuning experience. It is divided into the following topics:

- An overview of the steps required for a disciplined performance evaluation.
- Planning and preparing for a performance evaluation, which includes information on defining performance objectives, selecting measurement tools, and pre-initialization MVS performance factors.
- Performance analysis, which documents a methodology for identifying potential performance problem areas in the system. This topic includes information on investigating the basic system resources (the processor, I/O resources, and real storage) and on investigating specific work that is not meeting its performance expectations.
- Performance hints, which are specific recommendations and considerations.

These topics will be expanded as more information becomes available. The information is based on MVS release 3.7 systems with SUs 5 and 7 installed.

Because the information in this book is derived from experience and has not been formally tested, the reader must evaluate the applicability of the information to his environment before implementing any of the recommendations.
Manual, 8 1/2 x 11 inches, 194 pages, 7/77
//34///5752

GC28-0890

OS/VS2 MVS HARDWARE RECOVERY ENHANCEMENTS SELECTABLE UNIT SYSTEM INFORMATION, SUID 5752-855

This publication presents MVS Hardware Recovery Enhancements selectable unit (SU55) highlights. It also describes planning information and publications support for MVS Hardware Recovery. The publications is intended for installation managers, system programmers, and IBM Field Engineering personnel. It is assumed that readers have a basic knowledge of OS/VS2 MVS.

Manual, 8 1/2 x 11 inches, 26 pgs, 5/77
/////5752-855

GC28-0911

OS/VS2 MVS TSO 3270 EXTENDED DISPLAY SUPPORT - SESSION MANAGER, LIC PROG 5740-XE2, GENERAL INFORMATION

The Session Manager is a productivity aid providing extended display support for the IBM 3270 Display Terminal. The GIM is intended for anyone who will be planning for or making use of this program product's facilities. This includes installation managers, systems programmers and IBM field support personnel.

Manual, 8 1/2 x 11 inches, 30 pages, 7/77
/////5740-XE2

SC28-0912

OS/VS2 MVS TSO 3270 EXTENDED DISPLAY SUPPORT - SESSION MANAGER, LIC PROG 5740-XE2, REFERENCE AND USERS GUIDE

The Session Manager is a productivity aid providing extended display support for the IBM 3270 Display Terminal. This manual is intended for any user of this program product. This includes systems programmers, application programmers, clerks, data entry personnel and IBM field support personnel.

Manual, 8 1/2 x 11 inches, 200 pgs, 7/77
 ////5740-XE2

GC28-0914

This publication will provide information on the warranted
- SESSION MANAGER, LIC PROG 5740-XE2, SPECIFICATIONS
 This publication will provide information on the warranted
 functions of the Licensed Program.
 The audience for this publication is primarily licensees and
 prospects and secondarily IBM personnel.
 Specification sheet, 8 1/2 x 11 inches, 2 pgs, 7/77
 ////5740-XE2

GC28-0920

OS/VS2 MVS RESOURCE MEASUREMENT FACILITY (RMF) VERSION 2
RELEASE 2, LIC PROG 5740-XY4, SPECIFICATIONS
 This publication provides the warranty statement for the
 OS/VS2 MVS Resource Measurement Facility (RMF) Version 2,
 Release 2, Program Product.
 Manual, 2 pages, 5/79
 ////5740-XY4

GC28-0921

OS/VS2 RESOURCE MEASUREMENT FACILITY (RMF) VERSION 2,
PROG PROD 5740-XY4, GENERAL INFORMATION
 Version 2 of the Resource Measurement Facility (RMF), a
 program product, is a measurement collection tool that is
 designed to monitor selected areas of system activity and
 present the data collected in the form of SMP (System
 Management Facility) records and/or formatted reports.
 Display reports are also available for some system
 activities.
 This manual provides an overview and functional description
 of RMF.
 Manual, 8 1/2 x 11 inches, 80 pgs, 5/77
 ////5740-XY4

SC28-0922

OS/VS2 MVS RESOURCE MEASUREMENT FACILITY (RMF) VERSION 2,
PROG PROD 5740 XY4, REFERENCE AND USER'S GUIDE
 This publication describes how to use Version 2 of the
 Resource Measurement Facility (RMF), a program product
 designed to measure selected areas of system activity and
 present the data collected in the form of SMP (System
 Management Facility) records, formatted printed reports, or
 formatted display reports. This information is intended for
 the system programmer responsible for installing or removing
 RMF and modifying its functions, for the system personnel
 responsible for measuring and improving system performance,
 and for the operator and terminal user.
 This publication contains conceptual information that
 enables the user to understand what RMF is and how it can be
 used to measure system performance and procedural
 information that describes how to execute RMF and how to
 modify its processing.
 Manual, 8 1/2 x 11 inches, 268 pgs, 5/77
 ////5740-XY4

GC28-0940

IBM OS/VS2 MVS/SYSTEM EXTENSIONS (MVS/SE): LIC PROG 5740-XE1
SPECIFICATIONS
 This Licensed Program Specification (LPS) describes the
 warranted specifications for Release 1 of the subject
 Program Product.
 Manual, 8 1/2 x 11 inches, 3 pgs, 10/77
 ////5740-XE1

GC28-0942

OS/VS1 and OS/VS2 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY
GENERAL INFORMATION, PROG PROD 5740-XY5
 The Programmed Cryptographic Facility Program Product
 provides OS/VS2 MVS installation with the capability to
 protect sensitive data through the use of cryptography.
 This publication is intended for installation managers and
 system programmers responsible for planning the software
 data security strategy for their installation.
 Chapter 1 introduces the general subject of cryptography
 and provides an overview of the Programmed Cryptographic
 Facility. Chapter 2 identifies system requirements.
 Chapter 3 describes each component of the facility and
 describes how they work together to provide a cryptographic
 capability. Chapter 4 defines the functions available to
 the user and Chapter 5 identifies planning, security, and
 operating considerations.
 Manual, 8 1/2 x 11 inches, 48 pgs, 10/77
 ////5740-XY5

GC28-0943

IBM SYSTEM CONTROL PROGRAMMING SPECIFICATION - OS/VS2 MVS
3838 VECTOR PROCESSING SUBSYSTEM SUPPORT SPECIFICATIONS,
SUID 5752-829
 This specification constitutes IBM's official warranty
 statement for the MVS programming support for the IBM 3838
 VPSS.

Flyer, 8 1/2 x 11 inches, 2 pgs, 8/77

GC28-0948

MVS PROCESSOR SUPPORT SPECIFICATIONS
 This System Control Programming Specifications (SCPS)
 describes the warranted specifications for the subject
 selectable unit.

Flyer, 8 1/2 x 11 inches, 2 pgs, 11/77

GC28-0949

IBM OS/VS1 and OS/VS2 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY
LIC PROG 5740-XY5, DESIGN OBJECTIVES
 The Programmed Cryptographic Facility Program Product
 provides OS/VS1 and OS/VS2 MVS installations with the
 capability to protect sensitive data through the use of
 cryptography.

This document is intended for IBM sales personnel and
 for customer prospects. It highlights major functions of
 the Programmed Cryptographic Facility and briefly describes
 some of the ways an installation might use the product to
 protect sensitive data. System requirements are stated,
 order numbers and titles of additional publications are
 provided, and estimated availability dates are given.
 Manual, 8 1/2 x 11 inches 4 pgs, 10/77
 ////5740-XY5

GC28-0952

OS/VS2 MVS MULTIPROCESSING: AN INTRODUCTION AND GUIDE TO
WRITING OPERATING AND RECOVERY PROCEDURES

This book describes the IBM System/370 Model 158 and Model
 168 tightly coupled multiprocessors (MPs) in terms of:

- Basic concepts of the MP environment
- Operation of the system console, operator control
 panel, and configuration control panel for each
 processor
- Common types of error conditions, how to recognize
 them, how they affect the MVS system, and possible
 operator responses to them
- Hardware and software processes involved in error
 recovery and the operator interaction with these
 recovery processes
- Guidelines for developing installation-written
 procedures to reconfigure the hardware elements
 that make up the system

The audience for the book is the person at each
 installation who is responsible for developing recovery
 exits and procedures tailored to the installation's
 requirements.

Manual, 8 1/2 x 11 inches, 128 pgs, 12/77
 //34///5752

GC28-0953

VS1 TO MVS CONVERSION NOTEBOOK

The VS1 to MVS Conversion Notebook is designed to aid in the
 planning, migration, and testing phases an installation goes
 through when converting from VS1 to MVS. It contains
 conversion hints, debugging aids, and problems and solutions
 encountered by installations already through the conversion
 process.

Manual, 8 1/2 x 11 inches, 400 pages, 1/78
 //34///5752,5741

GC28-0954

OS/VS2 SVS PROCESSOR SUPPORT REFERENCE INFORMATION

This publication documents the following enhancements to
 OS/VS2 Release 1.7:

- 3031, 3032, and 3033 Processor support
- 3036 Display Console Support
- Channel recovery and EREF changes.

Manual, 8 1/2 x 11 inches, 90 pages, 2/78
 //34///5742

SC28-0956

OS/VS1 AND OS/VS2 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY
INSTALLATION REFERENCE MANUAL, LIC PROG 5740-XY5

This book introduces you to the concepts of the OS/VS1 and
 OS/VS2 MVS Programmed Cryptographic Facility, Program Number
 5740-XY5. It also describes the installation process and
 operating considerations for this program product.

This book is intended for:

- System programmers responsible for installing and tuning
 your installations program products and for designing
 and writing application programs coded in Basic
 Assembler Language (BAL)
- Security administrators responsible for establishing,
 maintaining, and monitoring the security of your
 installation

Specific topics in this book include:

- A short introduction to the subject of cryptography in
 general including an introduction to cryptographic
 algorithms and cryptographic keys.
- An explanation of how the Programmed Cryptographic
 Facility uses and protects cryptographic keys.
- A description of built-in security features.
- A description of installation security responsibilities.
- A description of the tasks that must be performed when
 installing this program product.
- An explanation of how to code the Programmed
 Cryptographic Facility macro instructions.
- Operating considerations.
- A glossary of terms.

Manual, 8 1/2 x 11 inches, 124 pages, 4/78
 ////5740-XY5

GC28-0957

OS/VS1 AND OS/VS2 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY,
LIC PROG 5740-XY5, SPECIFICATIONS

This publication provides the warranty statement for the
 OS/VS1 and OS/VS2 MVS Programmed Cryptographic Facility.
 Flyer, 8 1/2 x 11 inches, 2 pages, 4/78

////5740-XY5

- GC28-0963
OS/VS2 REL 3.7 SYSTEM CONTROL PROGRAMMING SPECIFICATIONS
This publication provides IBM's warranty statement for Release 3.7.
Specifications, 8 1/2 x 11 inches, 4 pages, 1/78
- GC28-0964
OS/VS2 MVS SCHEDULER IMPROVEMENTS SYSTEM CONTROL PROGRAMMING SPECIFICATIONS, SUID 5752-804
This publication provides IBM's warranty statement for scheduler improvements (SU4).
Specifications, 8 1/2 x 11 inches, 1 page, 1/78
- GC28-0965
OS/VS2 MVS SUPERVISOR PERFORMANCE #1 SYSTEM CONTROL PROGRAMMING SPECIFICATIONS, SUID 5752-805
This publication provides IBM's warranty statement for Supervisor Performance #1 (SU5).
Specifications, 8 1/2 x 11 inches, 1/78
- GC28-0966
IBM SYSTEM CONTROL PROGRAMMING SPECIFICATIONS OS/VS2 MVS ATTACHED PROCESSOR SYSTEM SUID 5752-806
This publication provides IBM's warranty statement for the Attached Processor System (SU6).
Specification, 8 1/2 x 11 inches, 1/78
- GC28-0967
SUPPLEMENT FOR SU 51: MVS PROCESSOR SUPPORT, 5752-851
This publication contains general information for the subject selectable unit. It is intended for installation managers, system programmers, and IBM Field Engineering personnel responsible for planning, installing, and maintaining the selectable unit. Readers must have a basic knowledge of OS/VS2 MVS.
Manual, 8 1/2 x 11 inches, 20 pages, 11/77
////5752-860
- GC28-0968
OS/VS2 MVS SUPERVISOR PERFORMANCE #2 SYSTEM CONTROL PROGRAMMING SPECIFICATIONS SUID 5752-807
This publication provides IBM's warranty statement for Supervisor Performance #2 (SU7).
Specifications, 8 1/2 x 11 inches, 1/78
- GC28-0969
IBM SYSTEM CONTROL PROGRAMMING SPECIFICATIONS: SCHEDULER/IOS SUID 5752-816
This publication provides IBM's warranty statement for Scheduler/IOS (SU16).
Specifications, 8 1/2 x 11 inches, 1/78
- GC28-0970
IBM SYSTEM CONTROL PROGRAMMING SPECIFICATIONS: SERVICE DATA IMPROVEMENTS SUID 5752-817
This publication provides IBM's warranty statement for Service Data Improvements (SU17).
Specifications, 8 1/2 x 11 inches, 1/78
- GC28-0971
IBM SCPS: MSS ENHANCEMENTS, 5752-824 SPECIFICATIONS
This publication provides IBM's warranty statement for MSS Enhancements (SU24).
Flyer, 8 1/2 x 11 inches, 2 pages, 1/78
- GC28-0972
IBM SCPS: SYSTEM SECURITY SUPPORT, 5752-832 SPECIFICATIONS
This publication provides IBM's warranty statement for System Security Support (SU32).
Flyer, 8 1/2 x 11 inches, 2 pages, 1/78
- GC28-0973
IBM SCPS: DUMPING IMPROVEMENTS, 5752-833 SPECIFICATIONS
This publication provides IBM's warranty statement for Dumping Improvements (SU33).
Flyer, 8 1/2 x 11 inches, 2 pages, 1/78
- GC28-0974
IBM SCPS: ATTACHED PROCESSOR SUPPORT, 5752-847 SPECS
This publication provides IBM's warranty statement for the Attached Processor Support (SU47).
Flyer, 8 1/2 x 11 inches, 2 pages, 1/78
- GC28-0975
IBM SCPS: HARDWARE RECOVERY, 5752-855 SPECIFICATIONS
This publication provides IBM's warranty statements for Hardware Recovery (SU55).
Flyer, 8 1/2 x 11 inches, 2 pages, 1/78
- GC28-0976
IBM SCPS: OPERATING SYSTEM/VIRTUAL STORAGE 2 (OS/VS2 SVS) 5742-017 SPECIFICATIONS
This publication provides IBM's warranty statement for SVS (R1.7).
Flyer, 8 1/2 x 11 inches, 2 pages, 1/78
- GC28-0984
OS/VS2 MVS OVERVIEW
This book describes the main feature of MVS. It explains each of these features and describes the flow of work through the major parts of the system. The book is intended for a general audience, but some knowledge of operating systems is necessary. There are no prerequisites to the book.
Manual, 8 1/2 x 11 inches, 184 pgs, 6/78
//20//5752
- GC28-0985
OS/VS2 SVS PROC SUPPT SCPS
No abstract available.
Flyer
- GC28-0990
OS/VS2 MVS PROCESSOR SUPPORT 2 SELECTABLE UNIT SYSTEM INFORMATION
This publication contains general information about the OS/VS2 MVS Processor Support 2 Selectable Unit. It is intended to provide planning information for installation managers, system programmers and IBM field engineering personnel.
Manual, 8 1/2 x 11 inches, 24 pages, 12/78
////5752-864
- GC28-0991
VS2 MVS SU64 SCP SPECS
No abstract available.
Flyer, 2 pages
- GC28-1001
OS/VS1 EREP 1 SCP SPECS
No abstract available.
Flyer, 2 pages
- GC28-1008
RMF-MVS/SYSTEM EXTENSIONS RELEASE 2 FEATURE, LIC PROG 5740-XY4, PROGRAM SUMMARY
This Program Summary describes RMF support for MVS/System Extensions Release 2. Operating environment details are also provided.
Manual, 8 1/2 x 11 inches, 2 pages, 3/79
////5740-XY4
- GC28-1012
OS/VS2 MVS RELEASE 3.8 SYSTEM CONTROL PROGRAMMING SPECIFICATIONS
This document describes OS/VS2 MVS Release 3.8 in terms of its basic functions, its minimum configuration, and its real storage requirements.
Manual, 8 1/2 x 11 inches
- GC28-1013
MVS/SE PROGRAM SUMMARY, LIC PROG 5740-XE1
No abstract available.
Flyer, 4 pages
////5740-XE1
- GC28-2000
IBM TIME SHARING SYSTEM ASSEMBLER LANGUAGE
This publication describes the IBM Time Sharing System Assembler Language, a symbolic programming language. The language provides a convenient means for representing machine instructions and related data, especially as related to the Time Sharing System (TSS). The ISS Assembler Program processes the language and provides auxiliary functions for preparing and documenting a program; the Assembler includes facilities for processing the assembler macro language.
Systems Reference Library Manual, 110 pages
//21/TSS//
- GC28-2001
IBM TIME SHARING SYSTEM COMMAND SYSTEM USER'S GUIDE
This is a reference book for users of the commands that are part of the IBM Time Sharing System. The command system gives the user the ability to (1) construct, execute, and debug programs; (2) create, modify, copy, and share data sets; (3) enter data into and retrieve data from the system; and (4) modify and add to the system-supplied commands.
Commands that are used exclusively by the system operator, system manager, system administrator, and system programmer are not presented in this book.
Three types of information make up the major part of this reference: basic information for the new user, examples, and command descriptions. Part II contains seven sections, and each section describes a different category of commands. Introductory material in Part II is provided to give the new user of the command system general knowledge of the commands. Part III contains format illustrations and descriptions of the commands. Parts II and III also contain examples that show ways of using the commands. Before reading Command System User's Guide, you should have general knowledge of TSS. For an introduction to TSS see IBM Time Sharing System: Concepts and Facilities, GC28-2003. If you enter commands through a terminal, you should be familiar with the terminal. See IBM Time Sharing System: Terminal User's Guide, GC28-2017 for instructions on operating the IBM 2741 Communications Terminal and the IBM 1052 Printer-Keyboard.
Systems Reference Library Manual, 341 pages
//36/TSS//
- GC28-2003
IBM TIME SHARING SYSTEM CONCEPTS AND FACILITIES
This publication provides an introduction to the IBM Time Sharing System (TSS), a general purpose operating system used with IBM System/370 computers that have dynamic address translation. TSS allows many users to have simultaneous access to a computing system. The combination of machine and control program creates a data processing environment for each user which can be utilized independently or shared with other users. Each user operates in a separate virtual storage address space potentially as big as the addressing capability of the machine.
The design of TSS aids program development because the functions provided support a convenient, interactive programming environment. Programs developed in this environment may be used in production mode without change. Integration of virtual storage with data management permits a novel approach to data base applications. A feature of TSS is user ownership of data with excellent security and privacy.

This publication is written for managers of data processing installations, system programmers, application programmers, end users of applications, and operators. It is an introduction to the purpose, design, and use of TSS and contains general descriptions of the control program, data management, and task management; a summary of publications relating to TSS; and information about the use of the system to support individual users and subsystem programming development projects.

There is no prerequisite reading for this publication. However, the reader should have a basic understanding of data processing techniques.

Systems Reference Library Manual, 76 pages
//20/TSS//

GC28-2004

IBM TIME SHARING SYSTEM ASSEMBLER USER MACRO INSTRUCTIONS
Provides the information necessary to code assembler language macro instructions under the IBM Time Sharing System. The intended audience is the non-privileged assembler language user.

The primary macro instruction services are program management and data management. These macro instructions aid in programming and processing time-shared tasks.

The first section of the book describes the macro instructions by functional groups, enabling the user to select the macro instructions he needs to manage his program (manage virtual storage, load and link modules, handle interruptions, transfer to command mode, communicate with SYSIN/SYSOUT and with the operator and the log, maintain timers, and create commands) and to manage data (define, connect, access, manipulate, disconnect, or remove data sets). The second portion of the book lists the macro instructions alphabetically and provides all the information needed to code the macro instructions. Appendixes detail exit lists, synchronous error exits, end-of-data processing, machine control characters, linkage conventions, DCB fields, the DDEF macro instruction, the generation of literals by macro instructions, interruption handling, the TSS Macro and Copy library, sharing virtual data sets, the OPEN/CLOSE generated parameter list, and the conditional assembly of macro instructions.

The reader must be familiar with the information presented in IBM Time Sharing System: Concepts and Facilities, GC28-2003, and Assembler Language, GC28-2000. Systems Reference Library Manual, 315 pages
//21/TSS//

GC28-2005

IBM TIME SHARING SYSTEM LINKAGE EDITOR

This publication describes the linkage editor, an optional Sharing System (TSS/360). The linkage editor connects and edits program modules that have been assembled or compiled separately to produce a single program module that can be efficiently loaded by the dynamic loader at execution time. Linkage editor facilities are illustrated in conversational and nonconversational modes of operation.

Tells how to use the time sharing system's linkage editor. This optional program can be used to join two or more related object modules into one object module, saving dynamic loader processing time. A linkage editor user can also, without having to reassemble or recompile his program, combine control sections (possibly saving external storage and reducing program execution time); rename entry points, control sections, and external references; and change control section attributes. An introduction explains: how a TSS object module is created, its structure, how control sections are named and attributes assigned, external definitions and references, the difference between static and dynamic linking. The reader is shown how to invoke the linkage editor and how to use linkage editor control statements. Examples are provided for both conversational and non-conversational users. Before using this publication, be familiar with the contents of IBM Time Sharing Systems: Concepts and Facilities, GC28-2003, and IBM Time Sharing System: Command System User's Guide, GC28-2001.

Systems Reference Library Manual, 52 pages
//31/TSS//

GC28-2006

IBM TIME SHARING SYSTEM - TIME SHARING SUPPORT SYSTEM (TSSS)
The Time Sharing Support System is an on-line program error analysis facility that provides the capability of collecting data from the Time Sharing System for analysis, and of altering the TSS storage and machine registers. This system is used only by system programmers with authority code 0 or P and is not intended to be available to any other TSS users.

The functions of TSSS may be performed on command from a terminal or dynamically during TSS execution. The programs, tables, and control blocks of real, virtual, and secondary storage can all be referred to and modified.

Part I of this publication describes the TSSS system and its capabilities in a general way. Part II describes the TSSS command language, defining the functions of the language elements and the language syntax. Part III presents additional requirements for correct use of TSSS.

The reader must be familiar with the information contained in:

IBM Principles of Operation, GA22-6821
IBM Time Sharing System:
Concepts and Facilities, GC28-2003
System Programmer's Guide, GC28-2008

Systems Reference Library Manual, 60 pages
//37/TSS//

GC28-2007

IBM TIME SHARING SYSTEM FORTRAN IV LANGUAGE

This publication describes and illustrates the use of the IBM FORTRAN IV language for the IBM Time Sharing System (TSS).

The IBM FORTRAN IV language is a symbolic programming language that parallels the symbolism and format of mathematical notation. It provides programming features and facilities that can be used in FORTRAN programs to solve mathematical problems.

The material in IBM FORTRAN IV is arranged to provide a quick definition and syntactical reference to the various elements of FORTRAN IV by means of a box format. Each element is described, with appropriate examples of possible use.

The reader should have a basic knowledge of the FORTRAN language. While some information relating FORTRAN IV to TSS is presented, most of the necessary guidance required by a FORTRAN user to perform a task is given in IBM Time Sharing System: FORTRAN Programmer's Guide, GC28-2025.

Systems Reference Library Manual, 100 pages
//25/TSS//

GC28-2008

IBM TIME SHARING SYSTEM SYSTEM PROGRAMMER'S GUIDE

IBM Time Sharing System (TSS) makes a distinction between user and system programmers. This publication is intended for persons responsible for maintaining, modifying, or extending the system and discusses:

- o Operating environment
- o Program structure
- o Coding practices and conventions
- o Privileged supervisor call instructions
- o Serviceability aids
- o System macro definitions
- o Changing TSS
- o Privilege Class E

Systems Reference Library Manual, 286 pages
//36/TSS//

GC28-2010

IBM TIME SHARING SYSTEM - SYSTEM GENERATION AND MAINTENANCE

This publication explains how an installation specifies, creates, maintains, and modifies an installation-adapted IBM Time Sharing System. The intended audience is the system programmer charged with system generation and maintenance.

Part I is an overall description of system generation and maintenance; Part II describes the creation of a basic time-sharing system; Part III describes the macro instructions used to adapt the basic system to the installation's needs; Part IV explains the system maintenance process, and Part V shows how to modify the system for the duration of a startup-to-shutdown session. The appendices contain examples of system generation, maintenance, and modification, reference material on device addressing and system libraries, a sample machine configuration, and sample system generation macro instructions.

The reader must be familiar with the information presented in: IBM Time Sharing System Concepts and Facilities, GC28-2003.

Systems Reference Library Manual, 84 pages
//34/TSS//

GC28-2017

IBM TIME SHARING SYSTEM TERMINAL USER'S GUIDE

This manual gives instructions for operating the IBM 2741 Communications Terminal, the IBM 1050 Data Communications System and the teletypewriter terminal with the IBM Time Sharing System. It is intended for programmers, system managers, and system administrators who use terminals in the IBM Time Sharing System.

Systems Reference Library Manual, 31 pages
//40/TSS//

GC28-2024

IBM TIME SHARING SYSTEM MANAGER'S AND ADMINISTRATOR'S GUIDE

This manual describes the special commands that managers and administrators of the IBM Time Sharing System (TSS) use. There are four sections in the book:

- o Section 1 introduces the command system as it relates to the job and responsibilities of a system manager or a system administrator.
- o Section 2 explains the basics of using the command system and of the command descriptions.
- o Section 3 contains the command descriptions, which are in alphabetical order.
- o Section 4 is a sample terminal session.

There are two appendixes: one that summarizes the commands that can be used by each privilege class and authorization code, and one that lists format descriptions of commands. Managers and administrators must be familiar with TSS. IBM Time Sharing System: Concepts and Facilities, GC28-2003, contains an introduction to the system. In addition, they need to know how to operate the terminals that are used with the system. Instructions on operating terminals are given in IBM Time Sharing System: Terminal User's Guide, GC28-2017.

Systems Reference Library Manual, 45 pages

Before using this book, be familiar with the contents of: IBM Time Sharing System: Concepts and Facilities, GC28-2003 and Operator's Guide, GC28-2033. Systems Reference Library Manual, 39 pages
//32/TSS//

GC28-2025

IBM TIME SHARING SYSTEM FORTRAN IV PROGRAMMER'S GUIDE!
This publication describes how to use the IBM Time Sharing System (TSS) for compiling and executing programs written in the FORTRAN IV language. It also describes how to use the services and features of TSS that, while not directly related to FORTRAN programming, are frequently of use to the FORTRAN programmer.
Systems Reference Library Manual, 162 pages
//25/TSS//

GC28-2045

IBM TIME SHARING SYSTEM PL/I LANGUAGE REFERENCE MANUAL
This publication is a companion volume to IBM Time Sharing System: PL/I Programmer's Guide, GC28-2049. Together the two books form a guide to the writing and execution of PL/I programs under the control of an IBM Time Sharing System that includes the PL/I compiler.
Systems Reference Library Manual, 353 pages
//29/TSS//

GC28-2026

IBM TIME SHARING SYSTEM FORTRAN IV LIBRARY SUBPROGRAMS
This publication describes the FORTRAN IV library subprograms provided with IBM Time Sharing System (TSS) and provides the information necessary to use the subprograms in either a FORTRAN IV or an assembler-language program.
Systems Reference Library Manual, 65 pages
//25/TSS//

GC28-2046

IBM TIME SHARING SYSTEM PL/I LIBRARY COMPUTATIONAL SUBROUTINES
This publication gives details of the computational subroutines available in the PL/I Library. These subroutines are used by the PL/I compiler in the implementation of PL/I built-in functions and of the operators used in the evaluation of PL/I expressions. Not all PL/I built-in functions and expression operators are supported by the PL/I Library; the compiler generates in-line code for a small number of them. The details provided include summaries of the mathematical methods used, and (where appropriate) figures for range and accuracy.
Systems Reference Library Manual, 49 pages
//29/TSS//

GC28-2028

IBM TIME SHARING SYSTEM TEST AND MAINTENANCE USER'S GUIDE
This publication describes, for the IBM Time Sharing System (TSS), how to use the On Line Test System (OLTS), and how to retrieve system error recordings using the Error Recording Edit and Print (EREP67/VMEREP) procedures. Device partitioning and system quiescence are described, and the error recordings interpreted.
This publication is meant for use by system monitor and/or maintenance personnel. It may be used to determine the hardware component responsible for failures, and in the testing of the component.
Systems Reference Library Manual, 58 pages
//37/TSS//

GC28-2048

IBM TIME SHARING SYSTEM - A PRIMER FOR FORTRAN IV USERS
PROG NO. 360G-CL-627
A subset of the IBM Time Sharing System (TSS) is presented in this book to allow use of basic system facilities without an extensive knowledge of the command system, by which system functions are invoked. The reader of the book is presumed to have at least a basic knowledge of FORTRAN. In addition, the user profile under which the reader will use TSS should be altered as explained in Appendix E. This can be done by the reader himself, if necessary; preferably, however, it should be done by someone in a supervisory or tutorial relationship to the reader.
The altered user profile can be changed again by the reader if he progresses to using the full command system. The full system is explained in manuals such as Command System User's Guide, Form C28-2001, and FORTRAN Programmer's Guide, Form C28-2025.

GC28-2032

IBM TIME SHARING SYSTEM ASSEMBLER PROGRAMMER'S GUIDE
This publication explains the use of the Time Sharing System (TSS) for assembler language programmers. It describes how to assemble, store, and execute programs in TSS, introduces the command system, and explains the basic rules of task and data management. Numerous examples are given showing typical user-system interaction. The appendices include information on assembler options, output, and restrictions, as well as program control system use, interrupt handling, and command creation.
Systems Reference Library Manual, 191 pages
//21/TSS//

This book contains basic information on the kinds of terminals that can be used with TSS. If more information is needed, see Terminal User's Guide, C28-2017. Manual, 51 pages
//20/TSS//

GC28-2033

IBM TIME SHARING SYSTEM OPERATOR'S GUIDE
This guide presents the basic information an operator needs to run the IBM Time Sharing System. The book is divided into four main parts. These parts present a general view of the system, descriptions of the commands used by the operator, an explanation of the operator's terminal, and procedures the operator uses to run the system. Additional information that supplements the operator's knowledge of the system is presented in the appendices. These appendices include a description of the system control panel, a definition of the types of data set names, an explanation of device addresses, and summaries of the formats of the operator's commands and the TSS commands.
The system operator should be familiar with IBM Time Sharing System: Concepts and Facilities, GC28-2003. Systems Reference Library Manual, 56 pages
//40/TSS//

GC28-2049

IBM TIME SHARING SYSTEM PL/I PROGRAMMER'S GUIDE
This publication is a companion volume to IBM Time Sharing System: PL/I Language Reference Manual, GC28-2045. Together, the two books form a guide to the writing and execution of PL/I programs under the control of an IBM Time Sharing System that includes a PL/I compiler. This publication is concerned with the relationship between a PL/I program and the Time Sharing System. It explains how to compile and execute a PL/I program, and introduces the command system, data management, and other essential features of TSS.
Systems Reference Library Manual, 245 pages
//29/TSS//

GC28-2034

IBM TIME SHARING SYSTEM MULTITERMINAL TASK PROGRAMMING & OPERATION
This publication describes how to create a multiterminal (MTT) task, which will run under the IBM System/360 Time Sharing System (TSS/360). It also explains how to write an MTT application program, and how to connect it to a multiterminal task.
The publication is meant for use by TSS/360 installations as a reference book for persons responsible for administering and/or writing an MTT application program. Manual, 48 pages
//34/TSS//

GC28-2056

IBM TIME SHARING SYSTEM DATA MANAGEMENT FACILITIES
This book is to be used as a reference guide for TSS users of data management facilities. Topics dealt with include: storage classes, unit record devices, data set characteristics, data set sharing, gaining access to data sets, and use of data management facilities. This book is equally useful to assembler, FORTRAN, or PL/I users.
The reader should be familiar with IBM Time Sharing System: Concepts and Facilities, GC28-2003. Systems Reference Library Manual, 85 pages
//30/TSS//

GC28-2038

IBM TIME SHARING SYSTEM INDEPENDENT UTILITIES
Explains the use of the independent utility programs that support the IBM Time Sharing System (TSS), and describes their features, functions, capabilities, control statements, and record formats.
The independent utility programs are primarily intended to assist the systems programmer and operator to initialize, copy, restore, and print the contents of direct access storage devices.
The programs are:
o direct access storage device initialization (DASDI)
o direct access storage device dump/restore (DASDDR)
o direct access storage device print (DADUMP)
o system/370 memory dump
o VAM2 utility (VAM2UT)

GC28-2057

IBM TIME SHARING SYSTEM REMOTE JOB ENTRY
Remote Job Entry (RJE) allows users at remote locations to submit punched-card input to, and receive printed output from, the central TSS installation.
RJE users can enter card decks in the same format as that used at the local, online card reader. Nonconversational SYSIN data sets can be entered for execution, and data-card card decks can be entered and stored as virtual storage data sets. Output can be returned to the originating location or routed to the installation's high-speed printer. SYSOUT data sets are returned to the originating location unless redirected by the system operator.
This publication describes RJE concepts, terminology, and procedures. Information required by users at remote locations, including RJE control statements, is presented;

also, commands used by the system manager, system administrator, and system operator to control the RJE system are described.
Systems Reference Library Manual, 50 pages
//38/TSS//

GC28-6394

DOS FULL ANS COBOL PROG NOS 360N-CB-482 (V2), 5736-CB2, -LM2 (V3), 5746-CB1, -LM4 (DOS/VS), REFERENCE
Describes all current versions of IBM DOS COBOL: DOS/VS COBOL, and DOS Full American National Standard COBOL, Versions 2, 3, and 4. It gives the programmer the rules for writing COBOL programs that are to be compiled by one of the above compilers under the Disk Operating System. It is meant to be used as a reference manual in the writing of COBOL programs.
Systems Reference Library Manual, 360 pages
/////5746-LM4,5746-CB1,5736-LM2,5736-CB2

GC28-6396

OS FULL ANS COBOL PROG NOS 360S-CB-545 (V2), 5734-CB1 (V3), 5734-CB2, -LM2 (V4), 5740-CB1, LM1 (OS/VS) PROGRAMMER'S REFERENCE MANUAL
Describes all current versions of IBM OS COBOL: OS/VS COBOL, and OS Full American National Standard COBOL, Versions 2, 3, and 4. It gives the programmer the rules for writing COBOL programs that are to be compiled by one of the above compilers under the Operating System. It is meant to be used as a reference manual in the writing of COBOL programs.
Manual, 492 pgs
/////5734-CB2,5734-CB1,5740-LM1,5740-CB1,5734-LM2

GC28-6402

DOS SUBSET ANS COBOL COMPILER & LIBRARY, GENERAL INFORMATION PROG PROD 5736-CB1
This publication provides an introduction to the features of the IBM Subset American National Standard COBOL Compiler and Library, Release 2, a program product that operates under the IBM Disk Operating System. Included are a summary of the characteristics of the compiler, examples of some of the features of the language, and planning information on system requirements and compatibility characteristics.
This publication is written for installation analysts and planners. It provides them with a basis for general planning and for evaluating this product in relation to their needs. It is not meant to describe the language fully. A complete description is available in the publication IBM DOS Subset American National Standard COBOL, Order No. GC28-6403.
Manual, 12 pages
/////5736-CB1

GC28-6403

DOS SUBSET ANS COBOL REFERENCE MANUAL, PROG PROD 5736-CB1
Describes IBM DOS Subset American National Standard COBOL. It gives the programmer the rules for writing COBOL programs to be compiled under the DOS Subset COBOL compiler. It is meant to be used as a reference manual in the writing of COBOL programs.
Manual, 320 pgs
/////5736-CB1

GC28-6407

IBM OS FULL AMERICAN NATIONAL STANDARD COBOL COMPILER AND LIBRARY, VERSION 3; GENERAL INFORMATION, PROG. NO. 5734-CB1
Gives general information about the Program Product IBM OS Full American National Standard COBOL Compiler and Library, Version 3, an implementation compatible with the highest level of American National Standard COBOL. Included are brief descriptions of the compiler's features, as well as information on operating system requirements and machine configuration.
This publication is intended as an aid in evaluation and planning; it is not meant for the COBOL programmer.
Manual, 20 pages
/////5734-CB1

GC28-6421

DOS FULL ANS COMPILER AND LIBRARY V3, GENERAL INFORMATION, PROG PROD 5736-CB2, -LM2
This publication gives general information about the Program Product IBM DOS Full American National Standard COBOL Compiler Version 3, an implementation compatible with the highest level of American National Standard COBOL, and its associated COBOL object-time Subroutine library. Included are brief descriptions of the compiler's features and a description of the Subroutine Library, as well as information on operating system requirements and machine configuration.
This publication is intended as an aid in evaluation and planning; it is not meant for the COBOL programmer.
Manual
/////5736-LM2,5736-CB2

GC28-6431

OS FULL AMERICAN NATIONAL STANDARD COBOL COMPILER AND LIBRARY, VERSION 4, PLANNING GUIDE - PROGRAM NOS. 5734-CB2, -LM2
Describes the new features of the program product OS Full

American National Standard COBOL Compiler and Library, Version 4. Each is described in a separate chapter. System considerations and a description of the CCECL object-time subroutine library are also included.
This publication is a planning aid for system planners and analysts, and for COBOL programmers. It is supplemented by complete reference documentation in other manuals of OS American National Standard COBOL, Version 4, series.
Guide, 92 pages
/////5734-CB2,5734-LM2

SC28-6432

OS FULL ANS CCEOL COMPILER & LIBRARY VERSION 3 INSTALLATION REFERENCE MANUAL, PROG. PRCD. 5734-CB1
Contains system related information needed to make the most effective use of the Program Product IBM Full American National Standard COBOL Compiler and Library Version 3, under the control of the Operating System.

This publication consists of three sections. The first two sections, "Program Product Installation" and "Storage Estimates", are directed to the system programmer or planner who is responsible for operating system generation and maintenance. The third section, "Operating Instructions," is directed to the console operator. Each section is designed to be used with an existing Operating System publication.

"Program Product Installation" describes the system requirements for the compiler and the procedure needed to add the compiler to an operating system. This section supplements IEM OS System Generation, Order No. GC28-6554. A module summary is also included.

"Storage Estimates" defines the storage required by the compiler. This section supplements IBM CS Storage Estimates, Order No. GC28-6551.

"Operating Instructions" describes certain messages the console operator may be required to answer and presents information on Multiple Console Support (MCS). This section supplements IEM OS Operator's Reference, Order No. GC28-6991.

Manual, 8-1/2 x 11, 38 pages
/////5734-CB1

SC28-6433

OS (TSO) CCECL PROMPTER TERMINAL USER'S GUIDE AND REFERENCE INFORMATION, PROG PROD 5734-CB1
This publication describes how to use the CCECL Prompter to invoke the Program Products IBM OS Full American National Standard CCECL Compiler and Library (Version 3 and Version 4) and OS/VS CCEOL under OS (TSO).

This publication is directed to the CCECL programmer, who is working at a time sharing terminal and is familiar with the Time Sharing Option.

Section 1 contains procedures for using the prompter and debugging at the terminal as well as a summary of data set naming conventions and sample terminal sessions. Messages to the terminal user are described. This section supplements OS (TSO) Terminal User's Guide, Order No. GC28-6763.

"Section 2: Reference Information" describes the CCECL command that invokes the prompter. This section is designed to be inserted in OS (TSC) Command Language Reference, Order No. GC28-6732.
Manual, 8-1/2 x 11, 54 pages
/////5734-CB1

SC28-6434

OS (TSO) CCECL PROMPTER INSTALLATION REFERENCE MATERIAL, PROG PROD 5734-CB1

This publication contains system related information needed to make the most effective use of the CCECL prompter to invoke the Program Product IBM Full American National Standard CCEOL Compiler, Version 3. The prompter operates under the control of the Time Sharing Option (TSC) of the Operating System.

The information in this manual is directed to the system programmer or planner responsible for operating system generation and maintenance. Each of the three sections is designed to be used with an existing IBM Operating System publication.

"Program Product Installation" describes the system requirements for the prompter and the procedure needed to add the prompter to an operating system. This section supplements IBM System Generation, Order No. GC28-6554. A module summary is included.

"Storage Estimates" defines the storage required by the prompter. This section supplements IBM Storage Estimates, Order No. GC28-6551.

"System Programming Techniques" describes a LCGON procedure that can be used to expedite compilation of a COBOL program under TSC. Instructions on how to help the terminal user respond to prompter messages are also given. This section supplements IBM System Programmer's Guide, Order No. GC28-6691.
Manual, 38 pages
/////5734-CB1

GC28-6435

OS (TSO) COBOL PROMPTER SPECIFICATIONS, PRG PROD 5734-CB1
The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.
Specification Sheet, 2 pages
360,370//24/GTSO//

SC28-6437

OS FULL ANS COBOL COMPILER AND LIBRARY VERS 3, PROGRAMMER'S GUIDE, PROG PROD 5734-CB1

Describes how to compile an American National Standard COBOL program using Version 3 of the IBM OS Full American National Standard COBOL compiler. It also discusses how to link edit and execute or load the program under control of the operating system. There is a description of the output of each of these steps, for example, link edit, load, and execute. In addition, there are explanations of the features of the compiler and available options of the operating system.
Manual, 344 pgs
/////5734-CB1

SC28-6438

DOS SUBSET ANS COMPILER AND LIBRARY INSTALLATION REFERENCE MATERIAL, PROG PROD 5736-SC1

Contains system related information needed to install the IBM Subset American National Standard COBOL Compiler and Library, a program product that operates under control of the Disk Operating System.

This manual consists of two sections. The first section, "Program Product Installation," is directed to the system programmer or planner who is responsible for operating system generation and maintenance. The second section, "Operator Messages," is directed to the console operator. Each section is designed to supplement an existing DOS publication. "Program Product Installation" describes the system requirements, work file requirements, IOCS module requirements, and storage requirements for the Subset COBOL Compiler and Library. The installation procedure needed to add the compiler and library to an existing operating system is also described. This section supplements DOS System Generation and Maintenance, Order No. GC24-5033.

"Operator Messages" describes the messages to the console that the operator may be required to answer. This section supplements DOS Messages and Communications, Order No. GC24-5074.

Program Product Manual, 40 pages
/////5736-CB1

SC28-6439

DOS SUBSET ANS COBOL COMPILER & LIBRARY PROGRAMMER'S GUIDE, PROG PROD 5736-CB1

Describes how to compile an American National Standard COBOL Program using the DOS Subset American National Standard COBOL compiler. It also describes how to link edit the resulting object module, and execute the program. Included is a description of the output from each of these three steps: compile, link edit, and execute. In addition, this publication explains features of the compiler and available options of the Disk Operating System.
Program Product Manual, 230 pages
/////5736-CB1

SC28-6441

DOS FULL ANS COBOL COMPILER & LIBRARY VERSION 3 PROGRAMMER'S GUIDE, PROG. PRODUCTS 5736-CB2, 5736-LM2

Describes how to compile an American National Standard COBOL program using the Program Product IBM DOS Full American National Standard COBOL Compiler, Version 3.

It also describes how to link edit the resulting object module, and execute the program. Included is a description of the output from each of these three steps: compile, link edit, and execute. In addition, this publication explains features of the Version 3 Compiler and Library, and available options of the disk operating system.
Manual, 272 pages
/////5736-CB2,5736-LM2

SC28-6442

IBM DOS FULL AMERICAN NATIONAL STANDARD COBOL COMPILER AND LIBRARY, VERSION 3 INSTALLATION REFERENCE MATERIAL, PROG. NOS. 5736-CB2, 5736-LM2

This publication contains system related information needed to make most effective use of the Program Product IBM Full American National Standard COBOL Compiler, Version 3, and its associated COBOL Object-time Subroutine Library under the control of the IBM Disk Operating System.

This publication contains two sections. The first section, "Program Product Installation," is directed to the system programmer or planner who is responsible for operating system generation and maintenance. It describes the system requirements, work file requirements, IOCS module requirements, and storage requirements for the Version 3 compiler and library. It also describes the installation procedure for adding the compiler and library to an existing operating system. This section supplements DOS System Generation, Order No. GC24-5033.

The second section, "Operator Messages," is directed to the console operator. Each section is designed to supplement an existing IBM Disk Operating System Publication.

Manual, 70 pages
/////5736-CB2,5736-LM2

GC28-6443

DOS FULL ANS COMPILER VERS 3 REL 3, PROG PRCD 5736-CB2, SPECIFICATIONS

Describes the warranted specifications for the program. Specifications, 2 pages
360,370//24/DCS,//

GC28-6444

DOS FULL ANS COBOL OBJECT TIME SUBROUTINE LIBRARY, VERS 3, PROG PROD 5736-LM2, SPECIFICATIONS

Describes the warranted specifications for the program. Specification sheet, 1 page
360,370//24/DOS,//

GC28-6454

IBM OS COBOL INTERACTIVE DEBUG AND (TSO) CCECL PROMPTER GENERAL INFORMATION MANUAL - PROGRAM PRODUCTS 5734-CB4, 5734-CP1

This publication is directed to data processing system planners and analysts. It is intended as an aid in evaluation in planning for the use of IBM CS CCBCL Interactive Debug and/or the IBM OS (TSC) CCBOL Prompter.

These two program products operate under the Time Sharing Option (TSO) of the IBM Operating System. Detailed planning information for TSO can be found in the publication IBM System/360 Operating System: Time Sharing Guide, Order No. GC28-6698.

Both program products are designed for use with the program products IBM OS Full American National Standard COBOL Compiler, Version 4, and the IBM CS Full American National Standard COBOL Object-time Subroutine Library, Version 4. The TSO COBOL Prompter can also be used with the program product IBM OS Full American National Standard CCECL Compiler and Library, Version 3.

The CCBOL Interactive Debug program and the COBOL Prompter can be used under any release of the Operating System that supports TSO.

Manual, 24 pages
/////5734-CP1,5734-CB4

SC28-6456

IBM OS FULL AMERICAN NATIONAL STANDARD CCBCL COMPILER AND LIBRARY VERSION 4, PROGRAMMERS GUIDE - PROGRAM PRODUCTS 5734-CB2 AND 5734-LM2

This publication describes how to compile an American National Standard COBOL X3.23-1968 program using Version 4 of the IBM Operating System Full American National Standard CCBCL compiler. It also discusses how to link edit and execute or load the program under control of the IBM Operating System. There is a description of the output of each of these steps, i.e., compile, link edit, load, and execute. In addition, there is an explanation of the features of the compiler and available options of the operating system.
Manual, 460 pages
/////5734-CB2,5734-LM2

SC28-6458

IBM OS FULL AMERICAN NATIONAL STANDARD CCBCL COMPILER AND LIBRARY, VERSION 4, INSTALLATION REFERENCE MATERIAL, PROG. NOS. 5734-CB2, LM2

This publication contains system related information needed to install and make effective use of the Program Product IBM OS Full American National Standard COBOL Compiler and Library, Version 4 (Program Number 5734-CE2) and its associated CCBCL Object-time Subroutine Library (Program Number 5734-LM2). Both program products can be installed under either CS or the Conversational Monitor System (CMS) of the IBM Virtual Machine Facility/370 (VM/370).

The section "Operating Instructions" is directed to the console operator. It describes certain messages the console operator may be required to answer and presents information on Multiple Console Support (MCS). This section supplements IBM System/360 Operating System: Operator's Reference, Order No. GC28-6691. The remaining sections of the manual are directed to the system programmer or planner who is responsible for operating system generation and maintenance.

The installation sections of the manual describe the system requirements for the program products and the procedure needed to add the program products to an operating system. The OS installation sections supplement IBM System/360 Operating System: System Generation, Order No. GC28-6554. A module summary of both the compiler and library is also included in the "Module Summary" section. The "Storage Estimates" section supplements IBM System/360 Operating System: Storage Estimates, Order No. GC28-6551.
Manual, 84 pages
/////5734-CB2,5734-LM2

GC28-6464

OS FULL ANS COBOL COMPILER & LIBRARY VERS 4, PROG PROD 5736-CB2, -LM2, SPECIFICATIONS

Describes the warranted specifications of the subject program product.
Program Product Specifications, 4 pages
/////5734-LM2,5734-CB2

SC28-6465

IBM OS COBOL INTERACTIVE DEBUG TERMINAL USER'S GUIDE AND REFERENCE - PROGRAM NUMBER 5734-CB4
The text has been revised to describe how COBOL Interactive Debug operates under CMS, the Conversational Monitor System. Major additions include:

- o CMS TESTCOB command
- o CMS steps prior to entering TESTCOB mode
- o TESTCOB/CMS interface messages
- o Virtual machine size estimates under CMS

Manual, 166 pages
/////5734-CB4

planning; it is not intended to be used as a specification manual.
Manual, 44 pages
/////5746-CB1,5746-LM4

SC28-6468

IBM OS COBOL INTERACTIVE DEBUG: INSTALLATION REFERENCE MATERIAL - PROGRAM NUMBER 5734-CB4
This publication consists of four main sections: "Storage Requirement Estimates," "Installation Procedure," "Systems Programmer's Guide," and "Problem Determination Aids." Each contains system-related information necessary to install and use the IBM OS COBOL Interactive Debug Program Product under the control of the Time Sharing Option (TSO) of the IBM Operating System.

SC28-6478

IBM DOS/VS COBOL COMPILER AND LIBRARY PROGRAMMER'S GUIDE
This publication describes how to compile a COBOL program using the Program Product IBM DOS/VS COBOL Compiler. It also describes how to link edit the resulting object module, and execute the program. Included is a description of the output from each of these three steps: compile, link edit, and execute. This publication explains features of the DOS/VS Compiler and Library, and available options of the operating system.
This publication is primarily intended for programmers who are running COBOL programs compiled on the DOS/VS Compiler, under the control of the IBM Disk Operating System Virtual Storage.
Manual, 360 pages
/////5746-CB1,5746-LM4

The following system publications should be used in connection with this manual:

- IBM System/360 Operating System Storage Estimates, Order No. GC28-6551
- System Generation, Order No. GC28-6554
- System Programmer's Guide, Order No. GC28-6550

The first three main sections of this publication can be inserted in the corresponding system publication listed above to which it refers, if such an arrangement simplifies the use of documentation.
Manual, 36 pages
/////5734-CB4

SC28-6479

IBM DOS/VS COBOL COMPILER AND LIBRARY INSTALLATION REFERENCE MATERIAL - PROGRAM NUMBERS 5746-CB1 AND 5746-LM4
This publication contains system related information needed to make most effective use of the Program Product IBM DOS/VS COBOL Compiler and its associated COBOL Object-time Subroutine Library under the control of the IBM DOS/VS System.

This publication contains two sections. The first section, "Program Product Installation," is directed to the system programmer or planner who is responsible for operating system generation and maintenance. It describes the system requirements, work file requirements, IOCS module requirements, and storage requirements for the DOS/VS compiler and library. It also describes the installation procedure for adding the compiler and library to an existing operating system. This section supplements DOS/VS System Generation, Order No. GC33-5377.

The second section, "Diagnostic Messages," is directed to the console operator. Each section is designed to supplement an existing IBM DOS/VS System publication.
Manual, 84 pages
/////5746-CB1,5746-LM4

SC28-6469

VM/370 CMS USERS GUIDE FOR COBOL, PROG NOS 5734-CB2, LM2 (OS VERSION 4), 5740-CB1, LM-1 (OS/VS), 5746-CB1, LM4 (OOS/VS)
Intended for the COBOL programmer who is using or planning to use the subject COBOL program product compilers under control of the CMS component in the virtual machine environment of VM/370. It provides COBOL programmers with a fundamental understanding of the CMS commands needed to invoke the COBOL compiler in use under the CMS component of VM/370.
Manual, 68 pages
/////5734-CB2,5734-LM2,5746-LM4,5746-CB1,5740-LM1,5740-CB1

SC28-6479

IBM DOS/VS COBOL COMPILER AND LIBRARY INSTALLATION REFERENCE MATERIAL - PROGRAM NUMBERS 5746-CB1 AND 5746-LM4
This publication contains system related information needed to make most effective use of the Program Product IBM DOS/VS COBOL Compiler and its associated COBOL Object-time Subroutine Library under the control of the IBM DOS/VS System.

This publication contains two sections. The first section, "Program Product Installation," is directed to the system programmer or planner who is responsible for operating system generation and maintenance. It describes the system requirements, work file requirements, IOCS module requirements, and storage requirements for the DOS/VS compiler and library. It also describes the installation procedure for adding the compiler and library to an existing operating system. This section supplements DOS/VS System Generation, Order No. GC33-5377.

The second section, "Diagnostic Messages," is directed to the console operator. Each section is designed to supplement an existing IBM DOS/VS System publication.
Manual, 84 pages
/////5746-CB1,5746-LM4

GC28-6470

OS/VS COBOL COMPILER AND LIBRARY, GENERAL INFORMATION, PROG PROD 5740-CB1, 5740-LM1
Contains information to aid data systems planners and analysts in evaluating and planning for the use of the OS/VS COBOL Compiler and Library Program Product.
OS/VS COBOL operates under control of OS/VS1 or OS/VS2 (with or without TSO), and with restrictions under the CMS component of VM/370; it processes COBOL source programs in an OS virtual environment. OS/VS COBOL includes all eight processing modules of American National Standard COBOL X3.23-1968 and International Standard ISO/R 1989-1972 Programming Language COBOL; COBASYL-specified and IBM-specified extensions are also included.
Brief descriptions of Compiler and Library capabilities are provided - including as major features support for VSAM entry-sequenced and key-sequenced data sets, the MERGE statement, the FIPS (Federal Information Processing Standard) Pagger, and the Lister Facility (which provides a specially formatted source listing with embedded cross references). System requirements and data set and programming compatibility are described. A complete description of the language implementation is also included.
This publication is an aid in evaluation and planning; it is not intended to be used as a specification manual.
Manual, 60 pages
/////5740-CB1,5740-LM1

SC28-6481

OS/VS COBOL COMPILER AND LIBRARY INSTALLATION REFERENCE MATERIAL - PROG PROD 5740-CB1, -LM1
Contains information pertaining to the installation, maintenance, and console operation of the IBM OS/VS COBOL compiler and/or its associated CCECL object time Subroutine Library under OS/VS and under VM/370 (CMS). This information includes: the system requirements and procedures needed to add the compiler and/or library to an operating system; special operator instructions; compiler and library module summaries and storage requirements; and storage requirements for using either the symbolic debugging features of the compiler or the Program Product IBM OS COBOL Interactive Debug.
Manual, 88 pages
/////5740-CB1,5740-LM1

SC28-6483

OS/VS COBOL COMPILER AND LIBRARY PROGRAMMER'S GUIDE, PROG PROD 5740-CB1, -LM1
Describes how to compile an OS/VS COBOL program using the OS/VS COBOL program product compiler. It also discusses how to link edit and execute or load the program under control of OS/VS. There is a description of the output of each of these steps, that is, compile, link edit, load, and execute. In addition, there are explanations of the features of the compiler and of available options of OS/VS.
Manual, 570 pages
/////5740-CB1,5740-LM1

GC28-6472

OS/VS COBOL COMPILER AND LIBRARY, SPECIFICATIONS - PROG PROD 5740-CB1, -LM1
Describes the warranted specifications of these programs.
Flyer, 6 pages
/////5740-LM1,5740-CB1

GC28-6485

OS COBOL INTERACTIVE DEBUG, PROG NO 5734-CB4, SPECIFICATIONS
Describes the warranted specifications of the program.
Program Product Specifications, 4 pages
/////5734-CB4

GC28-6473

DOS/VS COBOL COMPILER AND LIBRARY, GENERAL INFORMATION, PROG PROD 5740-CB1, -LM4
This publication contains information of interest to data system planners and analysts about the IBM DOS/VS COBOL Compiler and Library Program product, an implementation that allows programs written in American National Standard COBOL to be processed in a DOS virtual environment. DOS/VS COBOL is compatible with the highest level of American National Standard COBOL, X3.23-1968, and with international standard ISO/R 1989-1972 Programming Language COBOL.
COBASYL-specified and IBM-specified extensions are also included.

Included are brief description of the DOS/VS COBOL Compiler and Library, as well as information on the implementation level, on compatibility, and on system requirements.
This publication is intended as an aid to evaluation and

SC28-6486

IBM DOS RPG II COMPILER & AUTO REPORT FEATURE INSTALLATION REFERENCE MATERIAL - PROGRAM NUMBER 5736-RG1
This publication contains system-related information needed to install both the DOS RPG II compiler and its associated Auto Report Feature, program products that operate under control of the IBM DOS and DOS/VS operating systems.
Manual, 82 pages
/////5736-RG1

GC28-6487

DOS/VS COBOL COMPILER AND LIBRARY PROG. NOS. 5746-CB1 (COMPILER AND LIBRARY) 5746-LM4 (LIBRARY ONLY)
This Program Product Design Objectives (PPDC) describes the design objectives and provides the estimated availability date of the subject Program Product.

Flyer, 8 1/2 x 11 inches, 6 pgs, 8/77
 ////5746-CB1,5746-LM4

////5734-UT2

GC28-6515

IBM SYSTEM/360 AND SYSTEM/370 FORTRAN IV LANGUAGE
 - PROG PROD 5748-FO2

Describes and illustrates the use of the FORTRAN IV language for the Operating System and the Disk Operating System. FORTRAN IV is a mathematically-oriented language useful for writing programs for applications that involve manipulation of numerical data. The publication is primarily a reference manual for programmers who are familiar with the elements of the FORTRAN language.

Systems Reference Library Manual, 128 pages
 360,370//25///

SC28-6765

OS/MVT AND OS/VS2 TSO DATA UTILITIES: COPY, FORMAT, LIST &

MERGE: USER'S GUIDE AND REFERENCE, PROG. NO. 5734-UT1
 The TSO Data Utilities: COPY, LIST, FORMAT, MERGE is a program product designed to augment the text and data manipulation capabilities of the TSO Command Language. This publication describes the syntax and use of the TSO Data Utility commands: COPY, FORMAT, LIST, and MERGE. This publication is intended for use by terminal users whose installation includes this TSO program product. This manual has two sections:

- o "How to Use the Commands" describes the operations that can be performed by using the utility commands and subcommands at a terminal.
- o "Command Descriptions" describes the syntax of the four utility commands: COPY, FCORMAT, LIST, and MERGE, and the two subcommands of the ECIT command, FCORMAT and MERGE. Examples of each command and subcommand are included.

Prerequisites and corequisites for this publication are:
 IBM SYSTEM/360 OPERATING SYSTEM: TIME SHARING OPTION,
 COMMAND LANGUAGE REFERENCE (GC28-6732)
 IBM SYSTEM/360 OPERATING SYSTEM: TIME SHARING OPTION,
 TERMINAL USER'S GUIDE (GC28-6763)

Manual, 56 pages
 ////5734-UT1

GC28-6687

USER'S GUIDE FOR THE IBM 2947-4 CHECK COLLECTION CONTROLLER
SEQUENTIAL ACCESS METHOD PROGRAM SUPPORTING RPQ 888264
 PROGRAM NUMBERS 5799-WAF, 5799-WAG

This publication defines and describes the data management macro instructions and services for the IBM 2947 Model 4 Check Collection Controller. The macro instructions are available in the IBM Operating System and Disk Operating System.

Manual, 56 pages
 ////2947/5799-WAG,5799-WAF

SC28-6767

OS/MVT AND OS/VS2 TSO DATA UTILITIES: COPY, FORMAT, LIST, MERGE SYSTEM INFORMATION
 PROGRAM PRODUCT - PROGRAM NUMBER 5734-UT1

This publication is for use by system programmers who are installing the TSO Data Utilities: COPY, FCORMAT, LIST, MERGE Program Product into an IBM System/360 Operating System with the Time Sharing Option.

This publication describes procedures to be followed for program installation, including sample problems which ensure that the TSO Data Utilities Program Product has been properly installed. This publication also contains the storage requirements for this Program Product. Prerequisite publications are:

IBM System/360 Operating System: Storage Estimates,
 GC28-6551
 IBM System/360 Operating System: System Generation,
 GC28-6554
 IBM System/360 Operating System: Time Sharing Option
 Guide, GC28-6698.

Manual, 24 pages
 ////5734-UT1

SC28-6689

USER'S GUIDE FOR THE IBM 2947 MODEL 4 CHECK COLLECTION CONTROLLER ASSEMBLY FACILITIES, PROGRAMMING - PRPQ P88003
 PROGRAM NUMBER 5799-AAH

The Assembly Facilities for the IBM 2947 Model 4 enable the user to prepare sort-control-word patterns for use in the IBM 2947 Model 4. He may use all the 2947-4 machine functions without having to convert his sort patterns into machine language. The Assembly Facilities generate actual 2947-4 code, in standard assembler format, for OS/360 or DOS/360.

Neither the 2947-4 machine operations nor examples of them will be explained in this publication. Examples of Assembly operations are given, but they are not meant to be an exhaustive list of the uses of all operands.

Effective use of this publication requires a thorough understanding of IBM 2947 Check Collection Controller, Functional Characteristics (GL22-6979).

The data management macro instructions and services for the IBM 2947-4 are called the Check Collection Controller Sequential Access Method (CSAM). The manual related to this area, for OS, is User's Guide for the IBM 2947-4 Check Collection Controller Sequential Access Method Program Supporting RPQ 888264 (GC28-6687).

Manual, 56 pages
 360,370//30/DOS,OS,OTSO,OASP/2947/

GC28-6794

GUIDE TO PL/S II

The PL/S II compiler is a proprietary program used by IBM to develop other programs that are made generally available. This provides general information on understanding and interpreting PL/S II listings. The book also provides some guidelines on how to modify compiler generated assembler code. Readers will be experienced systems programmers who need to understand and possibly modify operating system modules. They should know the basic assembler language such as PL/I.

Manual, 56 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GC28-6758

IBM SYSTEM/360 OPERATING SYSTEM DATA SET UTILITIES
SUPPORT FOR ASC II (PPDO) PROG. NO. 5734-UT2
 PROGRAM PRODUCT DESIGN OBJECTIVES

This Program Product Design Objectives (PPDO) describes the design objectives and provides the estimated availability date of the subject Program Product. Design Objectives, 2 pages

////5734-UT2

SC28-6808

A PL/I PRIMER: STUDENT TEXT

The purpose of this publication is to provide tutorial material not only for the person with some knowledge of computer programming, but also for the novice who knows little or nothing about data processing.

Student Text, 71 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GC28-6759

OS/MVT, OS/MVT, AND OS/VS DATA SET UTILITIES SUPPORT FOR
ASCII - PPS - PROG. NO. 5734-UT2

This PPS describes the data set utilities support for the American National Standard Code for Information Interchange (ASCII). This support consists basically of a load module and four utility programs designed to support data sets written in ASCII format.

Program Product Specifications, 2 pages
 ////5734-UT2

GC28-6825

IBM SYSTEM/360 OS/DOS AND OS (TSO) ITP: PL/I AND BASIC
GENERAL INFORMATION, PROG. NOS. 5734-RC1/2/3/4, 5736-RC1/2

This publication gives general information about the external characteristics of the PL/I feature of the Interactive Terminal Facility (ITF), a Program Product that operates under the System/360 Operating System or the System/360 Disk Operating System. The book includes descriptions of terminal commands, PL/I language elements, and machine requirements.

This publication is intended as an aid to evaluation and planning; it is not meant for the terminal user. Publications will be provided for the terminal user when ITP:PL/I becomes available.

Program Product Manual, 26 pages
 ////5736-RC1,5734-RC1,5734-RC3,5734-RC2,5736-RC2,5734-RC4

SC28-6760

OS/MVT, OS/MVT, AND OS/VS DATA SET UTILITIES SUPPORT FOR
ASCII: USER'S GUIDE, PROG. NO. 5734-UT2

This publication describes the data set utilities that support the American National Standard Code for Information Interchange (ASCII).

It describes:

- The capabilities and limitations of the utility programs when used to process ASCII data sets.
- The control statements needed to process ASCII data sets.
- The possible applications of the utility programs.

System/360 Operating System Data Set Utility Support for ASCII is a program product that assists programmers responsible for creating and maintaining operating system data. When using this support, ASCII data sets, as well as EBCDIC data sets, can be created and maintained, although all System/360 operations are in EBCDIC.

Program Product User's Guide, 196 pages

SC28-6833

IBM SYSTEM/360 OS/DOS ITP: PL/I INTRODUCTION
 PROGRAM NUMBERS 5734-RC1, 5736-RC1

This publication is an introduction to the IBM System/360 Operating System (OS) and the IBM System/360 Disk Operating System (DCS) Interactive Terminal Facility: PL/I. It is designed to give a novice programmer the tools he needs to write elementary programs in ITP: PL/I and to enable

him to understand the more advanced material found in related publications. Because of this limited scope, therefore, this publication does not cover all the capabilities of ITP: PL/I nor does it include all the detailed information on system and terminal operation. These details may be found in the IBM SYSTEM/360 OPERATING SYSTEM AND IBM SYSTEM/360 DISK OPERATING SYSTEM INTERACTIVE TERMINAL FACILITY: PL/I TERMINAL USER'S GUIDE, form SC28-6834.
Program Product Manual, 62 pages
/////5734-RC1,5736-RC1

throughout the text.

This publication is intended for the TEC ITP: PL/I terminal user. Users with little or no programming experience should be thoroughly familiar with the concepts presented in the publication IBM System/360 OS (TSO) ITP: PL/I Introduction, Order Number SC28-6838. Users whose scope of work extends beyond IIT: PL/I should consult the TSO publications listed in the preface.
Manual, 268 pages
/////5734-RC2,5734-RC4

SC28-6834

IBM SYSTEM/360 OS/DOS ITP: PL/I TERMINAL USER'S GUIDE
PROGRAM NUMBERS 5734-RC1, 5736-RC1
This publication provides tutorial information and reference material for users of the PL/I language component of the Interactive Terminal Facility (ITF), a Program Product that operates under the System/360 Operating System (OS) or the System/360 Disk Operating System (DOS).

The book tells how to use ITP and how to write programs in ITP: PL/I; it also includes detailed descriptions of the ITP: PL/I language elements, the ITP system commands, as well as error recognition and correction information. Sample programs and examples of the use of ITP: PL/I appear throughout the text.

This publication is intended for the ITP: PL/I terminal user. Users with little or no programming experience should be thoroughly familiar with the concepts presented in the publication IBM SYSTEM/360 OS/DOS ITP: PL/I INTRODUCTION, SC28-6833.
Manual, 233 pages
/////5734-RC1,5736-RC1

SC28-6840

IBM SYSTEM/360 OPERATING SYSTEM (TIME SHARING OPTION)
INTERACTIVE TERMINAL FACILITY: BASIC TERMINAL USER'S GUIDE
PROGRAM NUMBER 5734-RC4

This publication provides tutorial information and reference material for users of the BASIC language component of the Interactive Terminal Facility (ITF), a Program Product that operates under the Time Sharing Option (TSO) of the System/360 Operating System (OS).

The book tells how to use ITP in the TSO environment, and how to write programs in BASIC; it also includes detailed descriptions of the BASIC language elements, a subset of the TSO command language, as well as error recognition and correction. Sample programs and examples of the use of ITP: BASIC appear throughout the text.

This publication is intended for the TSO ITP: BASIC terminal user. No previous knowledge of programming or of the BASIC language is required.
Manual, 204 pages
/////5734-RC2,5734-RC4

SC28-6835

IBM SYSTEM/360 OS/DOS ITP: BASIC TERMINAL USER'S GUIDE
PROGRAM NUMBERS 5736-RC2, 5734-RC3

This publication provides tutorial information and reference material for users of the BASIC language component of the Interactive Terminal Facility (ITF), a Program Product that operates under the System/360 Operating System (OS) or the System/360 Disk Operating System (DOS).

The book tells how to use ITP, and how to write programs in BASIC; it also includes detailed descriptions of the BASIC language elements, the ITP system commands, as well as error recognition and correction. Sample programs and examples of the use of ITP: BASIC appear throughout the text.

This publication is intended for the ITP: BASIC terminal user. No previous knowledge of programming or of the BASIC language is required.
Program Product Terminal Users Guide, 165 pages
/////5736-RC2,5734-RC3,5736-RC1,5734-RC1

SC28-6841

IBM SYSTEM/360 OPERATING SYSTEM (TIME SHARING OPTION)
INTERACTIVE TERMINAL FACILITY INSTALLATION REFERENCE MANUAL
PROGRAM NUMBERS 5734-RC2, 5734-RC4

This publication describes the information required by the central computing installation to install and run the Interactive Terminal Facility (ITF). This includes installation procedures, storage estimates, ITP control user functions, and terminal messages.

ITP runs as a command processor under the Time Sharing Option (TSO) of System/360 Operating System (OS). It supports conversational problem solving in the ITP: PL/I and/or ITP: BASIC languages.

This publication is intended for the TSO ITP control user who installs TSO ITP, and who adds the ITP terminal users to the TSO system.
Manual, 90 pages
/////5734-RC2,5734-RC4

SC28-6836

IBM SYSTEM/360 OS/DOS ITP INSTALLATION REFERENCE MATERIAL
PROGRAM NUMBERS 5734-RC1, 3; 5736-RC1, 2

This publication describes the information required by the central computing installation to run the Interactive Terminal Facility (ITF). This includes machine requirements, and operator commands.

ITP runs as a problem program under either the System/360 Operating System (OS) or the System/360 Disk Operating System (DOS). It supports conversational problem solving in the ITP: PL/I and/or ITP: BASIC languages.
Program Product Reference Manual, 138 pages
/////5734-RC1,5736-RC1,5734-RC3,5736-RC2

SC28-6842

SYSTEM/360 OS (TSO CODE AND GO FORTRAN PROCESSOR TERMINAL
USER'S GUIDE, PROG PROD 5734-F01, -LM1

Provides the information necessary to use the Code and Go FORTRAN Processor for foreground programs developed in an OS (TSO) environment.

Code and Go is a compile-and-go processor that compiles at a fast rate and produces an object program directly in main storage. For the TSO foreground, Code and Go was specifically developed for users who place a premium on quick compilation and execution, and on easy and rapid debugging.

This publication, while primarily directed to engineers, mathematicians, and others who may not be full-time, professional programmers, also provides information for experienced production programmers who will be using Code and Go to write and test components of a large program for later execution in a batch environment. Readers must be familiar with the FORTRAN IV Language as described in the publication IBM System/360 and System/370 FORTRAN IV Language, Order No. CC28-6515.

Included are explanations of that portion of the TSO command language that is directly relevant to the needs of the Code and Go foreground user, a sample terminal session, a section on programming considerations, and other reference information. Also provided are a discussion of the FORTRAN syntax checker and its associated messages, and a listing (with explanations) of compiler-related and load module execution diagnostic messages.
Program Product Manual, 186 pages
/////5736-CB2,5736-LM2,5734-LM1,5734-F01,5734-F01

SC28-6838

IBM SYSTEM/360 OPERATING SYSTEM (TIME SHARING OPTION)
INTERACTIVE TERMINAL FACILITY: PL/I INTRODUCTION
PROGRAM NUMBER 5734-RC2

This publication is an introduction to the IBM System/360 Operating System Time Sharing Option Interactive Terminal Facility: PL/I. It is designed to give a novice programmer the tools he needs to write elementary programs using ITP: PL/I and to enable him to understand the more advanced material found in related publications. Because of this limited scope, therefore, this publication does not cover all the capabilities of ITP: PL/I nor does it include all the detailed information on system and terminal operation. These details may be found in the IBM System/360 Operating System Time Sharing Option Interactive Terminal Facility: PL/I Terminal User's Guide, Order Number SC28-6839.
Manual, 72 pages
/////5734-RC2

SC28-6852

OS FORTRAN IV (B EXTENDED) COMPILER PROGRAMMER'S GUIDE,
PROG PROD 5734-F03, -LM3

Describes the steps to compile, link, edit, and execute a FORTRAN IV program using the FORTRAN IV (B Extended) compiler, an IBM System Product that operates under the control of the operating system. The methods of invoking each step, input to the steps, and output from the steps, are detailed. In addition, compiler options, features of the operating system used by the FORTRAN programmer, and practices for coding more efficient FORTRAN programs are discussed. This publication is directed to programmers familiar with the FORTRAN IV language. Previous knowledge of the operating system is not required.
Manual, 208 pages
/////5734-F03,5734-LM3,5734-F03

SC28-6839

IBM SYSTEM/360 OPERATING SYSTEM (TIME SHARING OPTION)
INTERACTIVE TERMINAL FACILITY: PL/I TERMINAL USER'S GUIDE
PROGRAM NUMBER 5734-RC2

This publication provides tutorial and reference information for users of the PL/I language components of the Interactive Terminal Facility (ITF), an IBM Program Product that operates under the Time Sharing Option (TSO) of the System/360 Operating System (OS).

This guide tells how to use ITP: PL/I in the TSO environment. It includes detailed descriptions of the ITP: PL/I language elements, that portion of the TSO command language that applies to ITP: PL/I, and other reference information, including all of the ITP: PL/I error messages. Sample programs and examples appear

SC28-6853

IBM OS CODE AND GO FORTRAN AND FORTRAN IV (G1) PROGRAMMER'S GUIDE, PROG. NOS. 5734-FO1, 2, -LM1
 Directed to programmers using either Code and GO FORTRAN or the FORTRAN IV (G1) compiler. It explains how to use OS to compile, link edit, and execute programs written in the IBM System/360 and System/370 FORTRAN IV language. In addition, it contains information on processing efficiency, extended error handling, debugging specifications, and assembler language subroutine linkage conventions. This publication is directed primarily to programmers familiar with the FORTRAN IV LANGUAGE. Previous knowledge of OS is not required.
 Manual, 190 pages
 //5734-FO1,5734-LM1,5734-FO2,5734-F01,5734-F02

GC28-6854

FORTRAN IV (G1) PROCESSOR FOR OS & VM/370 (CMS): PROG. PROD. 5734-FO2 SPECIFICATIONS
 Describes the warranted specifications of this program.
 Flyer, 2 pgs
 //5734-FO2,5734-F02

SC28-6855

OS (TSO) TERMINAL USER'S SUPPLEMENT FOR FORTRAN IV (G1) PROCESSOR AND TSO FORTRAN PROMPTER, 5734-FO2,-CP3, -LM1
 This publication describes the use of the FORTRAN IV (G1) compiler and the TSO FORTRAN Prompter from a TSO Terminal. It is intended as a supplement to the IBM System/360 OS TSO Terminal User's Guide. This book describes the G1 compiler and its features, and methods of invoking the compiler. It contains examples of the use of the G1 compiler and the Prompter, diagnostic messages that a user receives at his terminal, and reference information. It makes no attempt to cover general TSO operation, which is covered in the TSO Terminal User's Guide.

The FORTRAN IV (G1) compiler is an extended version of the FORTRAN G compiler, adapted for more efficient use from a time-sharing terminal. The Prompter provides the interface between the compiler and the user, creating a conversational environment for the G1 programmer.

This publication is intended for use by FORTRAN programmers of all levels, but its approach is essentially toward the inexperienced programmer. It is not a reference document for the system programmer.

Co-requisite publications for this book are the IBM System/360 Operating System TSO Terminal User's Guide, Order No. GC28-6763, and the IBM System/360 Operating System Time Sharing Option Command Language Reference, Order No. GC28-6732.
 Manual, 124 pages
 //5734-F02,5734-CP3,5734-LM1,5734-F03,5734-F03,5734-F02

SC28-6856

FORTRAN IV (G1) PROCESSOR AND TSO FORTRAN PROMPTER FOR OS AND VM/370 (CMS); INSTALLATION REFERENCE MATERIAL, PROG. NOS. 5734-FO2, 5734-CP3
 Describes the information required by the central computing installation to install and run the FORTRAN IV (G1) compiler under OS or the CMS component of VM/370 and to install and run the TSO FORTRAN Prompter under OS. The information includes installation procedures for each program product, storage estimates, system information, and messages produced by the compiler and the prompter. This publication is intended for OS and VM/370 personnel responsible for installing the FORTRAN IV (G1) compiler alone at an OS or VM/370 installation or the G1 compiler together with the TSO FORTRAN Prompter at an OS (TSO) installation. It is also intended for the system programmer responsible for the maintenance of the program product within the system.
 Manual, 54 pgs
 //5734-F02,5734-CB3,5734-F03,5734-F03,5734-F02

SC28-6858

FORTRAN IV LIBRARY (MOD I) FOR OS & VM/370 (CMS); INSTALLATION REFERENCE MATERIAL, PROGRAM NUMBER 5734-LM1
 Describes the information required by the central computing installation to install and run the FORTRAN IV Library (Model 1). The information includes installation procedures, storage estimates, system information, and library-produced messages. The FORTRAN IV Library (Model 1) operates with the FORTRAN E, G, and H compilers, and with FORTRAN IV (G1), and with the Code and Go FORTRAN compiler. The library supports features not contained in the base FORTRAN IV library, such as list-directed I/O, improved data conversion, and ASCII support. The library also includes special interfaces for running in the TSO foreground.
 This publication is intended for personnel responsible for installing the library, as well as for the system programmer responsible for maintenance of the library within the system.
 Manual, 62 pgs
 //5734-LM1

SC28-6859

CODE AND GO FORTRAN PROCESSOR FOR OS & VM/370 (CMS); INSTALLATION REFERENCE MATERIAL, PROG. NO. 5734-F01
 Describes the information required by the central computing installation to install and run the FORTRAN IV Code and Go Compiler. The information includes installation procedures,

storage estimates, system information, and messages produced by the compiler.

This publication is intended for OS and VM/370 personnel responsible for installing the FORTRAN IV Code and Go compiler, as well as for the system programmer responsible for maintaining it within the system.
 Manual, 72 pgs
 //5734-FO1,5734-F01

SC28-6861

FORTRAN IV (B EXTENDED) CCMPILER AND FORTRAN LIBRARY (MOD II) FOR OS & VM/370 (CMS); INSTALLATION REFERENCE MATERIAL, PROG. NOS. 5734-F03, 5734-LM3
 Describes the procedures for installing the FORTRAN IV (B Extended) compiler and the FORTRAN IV Library (Mod II) under OS or VM/370. It is intended for use by system programmers or planners who supervise the generation and maintenance of an installation's operating system.
 Manual, 64 pages
 //5734-F03,5734-LM3,5734-F03

GC28-6862

IBM SYSTEM/360 OPERATING SYSTEM: FORTRAN IV (B EXTENDED) COMPILER PROGRAM PRODUCT SPECIFICATIONS PROGRAM NUMBER 5734-F03
 Describes the warranted specifications of this program.
 Specifications, 2 pages
 //5734-F03,5734-F03

GC28-6863

OS FORTRAN IV LIBRARY (MOD II) - PPS - PROG. NO. 5734-IM3
 The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.
 Systems Reference Library Manual, 2 pages
 //5734-LM3

SC28-6864

FORTRAN IV MATHEMATICAL AND SERVICE SUBPROGRAMS; SUPPLEMENT FOR MOD I & MCD II LIBRARIES, PROG. NOS. 5734-LM1, 5734-LM3
 This publication is a supplement to IBM System/360 Operating System: FORTRAN IV Library-Mathematical and Service Subprograms, Order No. GC28-6818. Together, these publications describe the mathematical and service subprograms in the FORTRAN IV Mod I and Mcd II libraries.
 In general, the base publication documents those subprograms that handle single and double precision quantities; this supplement documents those subprograms that handle extended precision quantities.
 Systems Reference Library Manual, 34 pages
 //5734-LM1,5734-LM3

SC28-6865

IBM OS FORTRAN IV (B EXTENDED) COMPILER AND LIBRARY (MCD II) MESSAGES, PROG. NOS. 5734-F03, 5734-LM3
 Contains a detailed description of the messages generated by the FORTRAN IV (B Extended) Compiler and the FORTRAN IV (Mod II) Library. Both program products operate under control of the IBM System/360 or System/370 Operating system.
 Manual, 148 pgs
 //5734-F03,5734-LM3,5734-F03

SC28-6868

SYSTEM/360 OS FORTRAN IV (B EXTENDED PLUS) CCMPILER AND LIBRARY PRO USER SUPPLEMENT, PROG 5799-AAW
 Contains information describing the use of the FORTRAN IV (B Extended Plus) compiler, and enhancement to the FORTRAN IV (B Extended) compiler program product. It supplements the following publications:
 IBM OS FORTRAN IV (B Extended) Compiler Programmer's Guide, Order No. SC28-6852
 IBM OS FORTRAN IV (B Extended) Compiler and Library (Mod II) Messages, Order No. SC28-6865
 IBM OS FORTRAN IV Mathematical and Service Subprograms Supplement for Mod I and Mod II Libraries, Order No. SC28-6864.
 The supplementary information for each publication listed above is treated a separate chapter in this publication.
 Unless otherwise noted, all information in the base publications apply to this supplement.
 Manual, 32 pages
 //5799-AAW

GC28-6878

OS/VS1 RES SYSTEM PROGRAMMER'S GUIDE
 This guide is required by system programmers who plan, install, and maintain RES (Remote Entry Services) under VS1. The guide describes the facilities and operational requirements for both the central computer and the workstations. The procedure to be followed for generating and installing RES is explained.
 Manual, 173 pages
 //38//5741

GC28-6879

OS/VS1 RES WORKSTATION USER'S GUIDE

This user's Guide is intended for an RES workstation user who creates one or more jobs to be sent, using RES (Remote Entry Service), to a central computer for processing. In addition, this book can be used by one who merely operates the RES workstation, sending jobs created by others.

The book describes input and output queues and how the workstation user can control them. The workstation commands available to the user are described according to their function. The parameters used for various forms of the commands are explained.

For each type of RES workstation, there is a separate chapter that describes its operation. This portion of the book can be tailored to each installation's requirements by removing chapters that pertain to types of workstations not used by that installation. For a user's guide to be used only at one workstation, only the pertinent chapter need be retained.

Manual, 214 pages
//38//5741

GC28-6882

DOS FORTRAN IV LIBRARY, OPTION 1, PROG PROD 5746-LM3, SPECS

Describes the warranted specifications of the program.
Specifications, 2 pages
360,370//25/DOS//

SC28-6883

DOS FORTRAN IV LIBRARY OPTION 1 PROGRAMMER'S GUIDE SUPPLEMENT, PROG PROD 5746-LM3

Directed to programmers using the FORTRAN IV Library Option 1, a program product used with the Disk Operating System.

This publication is a supplement to, and should be used in conjunction with, the publication, Disk Operating System: FORTRAN IV Programmer's Guide, Order No. GC28-6397.

Programmers are assumed to be familiar with its contents. The supplement contains sections on using and installing the Option 1 library and on running the sample program. For information on how to compile, linkage edit, and execute a DOS FORTRAN IV program, the appropriate sections of the programmer's guide should be consulted.
Manual, 22 pgs
////5746-LM3

GC28-6884

IBM FORTRAN PROGRAM PRODUCTS FOR OS AND THE CMS COMPONENT OF VM/370: GENERAL INFORMATION, PROG PROD 5734-F01, 2, 3, 5 -LM1, 3, -CP3

This publication provides general information about the functions, capabilities, and system requirements of the following program products:

- o Code and Go FORTRAN Processor
- o FORTRAN IV (G1) Processor
- o FORTRAN IV (B Extended) Processor
- o FORTRAN IV Library (Mod I)
- o FORTRAN IV Library (Mod II)
- o TSO FORTRAN Prompter
- o FORTRAN Interactive Debug

These products, with the exception of the TSO Prompter, operate under both OS and the CMS component of VM/370.

This publication is intended as an aid to evaluation and planning and is not meant for the terminal user or applications programmer.

Manual, 42 pages
////5734-LM1,5734-F03,5734-F02,5734-F01,5734-F05,5734-CP3,5734-LM3,5734-F03,5734-F02,5734-F01

SC28-6885

FORTRAN INTERACTIVE DEBUG FOR OS (TSO) & VM/370 (CMS): TERMINAL USER'S GUIDE, PROG. NO. 5734-F05

This manual provides the information required to use FORTRAN Interactive Debug to debug Code and Go FORTRAN G1 programs from a TSO or CMS terminal.

FORTRAN Interactive Debug is a conversational, symbolic debugging language with which the FORTRAN programmer can dynamically control the execution of his program. While using it, he can stop and start execution, examine and change values of program variables, dynamically control the Extended Error Handling facility, display execution frequencies for program statements, and trace control transfers as they occur.

The intended audience is the TSO or CMS FORTRAN programmer who codes in Code and GO FORTRAN or FORTRAN G1. The first section of the book describes FORTRAN Interactive Debug, its invocation, and its use, and gives instructions for compiling FORTRAN programs so that they can be processed under interactive debug. The second section is a reference section containing all the FORTRAN Interactive Debug subcommands. The third section covers programming considerations. Messages issued by FORTRAN Interactive Debug are covered in the fourth section.

Manual, 116 pages
////5734-F05,5734-F05

SC28-6886

FORTRAN INTERACTIVE DEBUG FOR OS (TSO) & VM/370 (CMS): INSTALLATION REFERENCE MATERIAL, PROG. NO. 5734-F05

Describes the information required by the central computing installation to install and run FORTRAN Interactive Debug under OS (TSO) and VM/370 (CMS). The information includes

installation procedures, storage estimates, system information, messages, and problem determination aids.

FORTRAN Interactive Debug provides a conversational symbolic debugging capability for the TSO and CMS FORTRAN programmer. Using interactive debug, the Code and Go FORTRAN or FORTRAN G1 programmer can dynamically control the executive of his program, examine and change values of program variables, dynamically control the Extended Error Handling Facility, display execution frequencies for program statements, and trace control transfers as they occur.

This publication is intended for OS and VM/370 personnel responsible for installing FORTRAN Interactive Debug, as well as for the system programmer responsible for maintaining it within the system.

Manual, 80 pgs
////5734-F05,5734-F05

SC28-6891

IBM VM/370 (CMS) TERMINAL USER'S GUIDE FOR FORTRAN IV PROGRAM PRODUCTS 5734-F01, -F02, -F03, -LM1, & -LM3

This user's guide is intended for FORTRAN programmers who will be using the IBM System/360 OS FORTRAN IV (G1) or Code and Go FORTRAN IV compiler and the FORTRAN IV Library (Mod I) or the FORTRAN IV (B Extended) compiler and the IBM FORTRAN IV Library (Mod II) under the control of the conversational Monitor System component of the Virtual Machine Facility/370. It is assumed that the reader is familiar with the FORTRAN IV Language and the CMS component of VM/370.

Manual, 210 pages
////5734-F01,5734-LM1,5734-F03,5734-F02,5734-LM3,5734-F03,5734-F02,5734-F01

GC28-6893

CODE AND GC FORTRAN FOR OS AND VM/370 LIC PROG 5734-F01

No abstract available.
Flyer
////5734-F01,5734-F01

GC28-6894

FORTRAN IV LIBRARY (MOD I) FOR OS & VM/370 (CMS), PRG. PROD. 5734-LM1 FUNCTIONAL DESCRIPTION

This document contains a functional description of FORTRAN IV Library (Mod I) which augments the FORTRAN IV Library by supporting the following:

1. List-directed I/O statements
2. Direction of PAUSE and STOP statement messages to a terminal
3. More accurate conversion routines for all data, providing the same results as conversions by the FORTRAN IV (G1) and Code and Go FORTRAN compilers
4. Under OS, tape data sets written in the American National Standard Code for information interchange (also referred to as ASCII)

Flyer, 2 pgs
////5734-LM1

GC28-6895

OS (TSO) INTERACTIVE TERMINAL FACILITY: PL/I AND BASIC, FUNCTIONAL DESCRIPTION - PROG NOS. 5734-RC2, 5734-RC4

This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C.

Flyer, 2 pages
360,370//39/0180//

GC28-6897

OS INTERACTIVE TERMINAL FACILITY: PL/I AND BASIC - PROG. NOS. 5734-RC1, 5734-RC3, - FUNCTIONAL DESCRIPTION

This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C.

The OS Interactive Terminal Facility (ITF) provides problem solvers with PL/I and/or BASIC programming in a time-sharing environment. Users can build, modify, save, retrieve, execute, and debug PL/I and/or BASIC programs from remote terminals, many of which may be sharing the computer's CPD time simultaneously.
Flyer, 4 pages
////5734-RC1,5734-RC3

SC28-8300

S IS FOR BASIC: AN INTRODUCTION TO VS BASIC UNDER TSC PROG. NO. 5748-XX1

This book is an elementary text describing a subset of the VS BASIC language as it is used under TSC. It is intended for readers who are unfamiliar with basic, with programming, and with computers. Readers with technical backgrounds, and readers who are already familiar with BASIC, should read the VS BASIC Language Reference Manual, Order No. GC28-8303, which contains a full description of the language.

The technical information contained in this book is summarized in a detachable reference guide appended to the back cover.

Manual, 150 pgs, 3/74
SLSS - ORDER NO. SUBSCRIPTION ONLY

GC28-8302

IBM SYSTEM/370 VS BASIC GENERAL INFORMATION - PROGRAM NUMBER 5748-XX1
 This publication is for installation managers and system programmers responsible for planning an installation of the IBM program product VS BASIC under one of the virtual storage operating systems: VM/370; OS/VS2 with TSO; or the IBM program product VS Personal Computing (VSPC). The publication aids in evaluating VS BASIC. It provides general information about the characteristics and capabilities of VS BASIC: it lists and discusses the statements, functions, and constants of the language; describes the environments in which VS BASIC operates; and summarizes related publications where the reader can obtain more specific product information.
 describes the environments in which VS BASIC operates; and summarizes related publications where the reader can obtain more specific product information.
 Manual, 39 pages
 ////5748-XX1

GC28-8303

SYSTEM/370 VS BASIC LANGUAGE
 This publication describes and illustrates the use of the VS BASIC Language. The first part presents language statement in a functional manner, taking the reader through various steps in planning a program. The second part is a reference section and presents VS BASIC language syntax and rules of usage.
 The publication is intended to be used with an accompanying Terminal User's Guide or Programmer's Guide for the appropriate operating environment.
 Manual, 200 pages
 ////5748-XX1

SC28-8304

SYSTEM/370 VS BASIC TSO TERMINAL USER'S GUIDE PROGRAM NUMBER 5748-XX1
 This publication provides the tutorial and reference information necessary to use the VS BASIC language to develop programs under the Time Sharing Option (TSO) of VS2. The first part of the book contains detailed explanations of that portion of the TSO language relevant to the needs of the typical VS BASIC user. Among the topics discussed are creating and modifying programs, using stream and record files in programs, the interactive debug facility, and special implementation considerations. The second part of the book contains reference information for the commands discussed in the first part.
 Manual, 148 pages
 ////5748-XX1

SC28-8306

SYSTEM/370 VS BASIC CMS TERMINAL USER'S GUIDE PROG. NO. 5748-XX1
 This publication provides the tutorial and reference information necessary to use the VS BASIC language to develop programs under the Conversational Monitor System (CMS) component of the Virtual Machine Facility/370 (VM/370). It contains detailed explanations of that portion of the VM/370 Command Language directly relevant to the needs of the typical VS BASIC user, a sample terminal session, a discussion of the interactive debugging commands, and other reference information, including a description of the batch processing facility.
 Manual
 ////5748-XX1

SC28-8308

VS BASIC OS/VS & DOS/VS PROGRAMMER GUIDE, PROG PROD 5748-XX1
 This publication is directed to the VS BASIC user programming in the batch environment of OS/VS (VS1 or VS2) or DOS/VS, and describes how to compile and execute a program written in VS BASIC, a program product. It contains information about processor options used with the program product, and about job control statements needed to run the product.
 It is intended to be used with VS BASIC Language, Order No. GC28-8303, to provide a complete guide to running VS BASIC in a batch environment. NO previous experience with either DOS/VS or OS/VS is required for use of this publication.
 Manual, 130 pgs
 ////5748-XX1

SC28-8309

SYSTEM/370 VS BASIC INSTALLATION REFERENCE MATERIAL PROGRAM NUMBER 5748-XX1
 This publication provides installation personnel with information on how to install the VS BASIC processor under OS/VS, DOS/VS, TSO, CMS and VSPC. Included with the step-by-step procedure for each environment are storage information and system programmer considerations.
 This publication is essentially supplemental, in that it assumes the availability or familiarity with other system publications pertaining to the use of the environment under which VS BASIC is to operate.
 Manual, 132 pages, 1/76
 ////5748-XX1

SC28-8310

B IS FOR BASIC AN INTRODUCTION TO VS BASIC UNDER CMS PROG. NO. 5748-XX1
 This book is an elementary text describing a subset of the VS BASIC language as it is used under CMS. It is intended for readers who are unfamiliar with BASIC, with programming, and with computers. Readers with technical backgrounds, and readers who are already familiar with BASIC, should read the VS BASIC Language Reference Manual, Order No. GC28-8303, which contains a full description of the language, and the VS BASIC CMS Terminal User's Guide, Order No. SC28-8306, which contains a more detailed description of how to use VS BASIC under CMS.
 The technical information contained in this book is summarized in a detachable reference guide appended to the back cover.
 Manual
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GC28-8311

VS BASIC, PROG PROD 5748-XX1, SPECIFICATIONS
 The VS BASIC processor, which operates in time-sharing and batch environments, is used for compiling and executing programs written in the BASIC language. With VS BASIC, the user can execute a program immediately after compilation or can store it and execute it later.
 VS BASIC is designed to operate in virtual storage systems. It operates in the time-sharing environments: CMS (Conversational Monitor System) of VM/370 and TSC (Time Sharing Option) under OS/VS2 and VSPC (Virtual Storage Personal Computing) under OS/VS1, OS/VS2, and DOS/VS. It operates as a batch compiler under control of OS/VS1, OS/VS2, DOS/VS, and CMS Batch. This publication replaces the Program Product Design Objectives, GX28-8301, at release time. It is aimed at customer employees and prospective customers responsible for planning and maintaining an installation. It provides information upon which the IBM Warranty and License Agreement for the product are based. It describes the program product functions and capabilities, programming system information, compatibility considerations, reference material, and Programming Service classification.
 Flyer, 8 1/2 x 11 inches, 4 pages, 6/77
 ////5748-XX1

GC28-8313

VIDEO/370 INCLUDING THE CLCS FEATURE GENERAL INFORMATION PROGRAM NUMBERS 5734-RC5 AND 5736-RC3
 This publication gives an overview of IBM's VILEC/370 system. The information herein is intended primarily for management personnel as an aid in planning and evaluation. Publications to assist in the actual operation of VILEC/370 are listed under "Reference Material" on page 19.
 Manual, 22 pages
 ////5734-RC5, 5736-RC3

GC29-8300

IBM VIRTUAL MACHINE FACILITY/370: ENVIRONMENTAL RECORDING EDITING AND PRINTING (EPEP) PROGRAM
 This publication is intended for system operators, programmers, and administrators involved in using the CP/EPEP (Control Program Environmental Recording Editing and Print Program) to edit and print error information and other system data contained on the VM/370 error recording cylinders.
 Manual, 27 pages, 2/76
 //37//5749

GC30-1011

OS/VS2 MVS TCAM 9 SELECTABLE UNIT SYSTEM INFORMATION, SUID 5752-802
 No abstract available.
 Manual, 12 pages
 ////5752-802

GC30-2012

OS/MPT, OS/MVT, AND OS/VS1; CRJE CONCEPTS AND FACILITIES
 This publication contains information about Conversational Remote Job Entry (CRJE) under OS/MPT, OS/MVT, and OS/VS1. It describes the system concepts, facilities, and points out the responsibilities of those involved in the overall operation of CRJE.
 An appendix of related publications and a glossary of terminology is included.
 Manual, 36 pages
 //38//5741

GC30-2014

OS/MPT, OS/MVT, AND OS/VS1; CRJE TERMINAL USER'S GUIDE
 This publication serves primarily as a guide for the inexperienced CRJE (Conversational Remote Job Entry) terminal user and as a reference for the experienced CRJE user.
 This publication describes the functions of CRJE and the terminal commands that enable the user to perform these functions. The commands and subcommands are described in detail, and examples illustrate how they may be used. Terminal messages are documented with explanations and corresponding system and user responses.
 Manual, 179 pages

//38///5741

Manual, 151 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GC30-2016

OS/MFT, OS/MVT, AND OS/VS1: CRJE SYSTEM PROGRAMMER'S GUIDE
This publication contains information to aid the system programmer and the central computer operator in the installation of, the operation of, and use of Conversational Remote Job Entry (CRJE).

This publication describes CRJE and the facilities it provides users at remote keyboard terminals attached by communications lines to an IBM System/360 or IBM System/370 that uses the MFT, MVT, or VS1 options of the operating system (OS).

Information about the CRJE task, its operating environment, system generation considerations, and the central operator command facility is included. Central messages are described with explanations and suggested operator responses.

This publication also includes a discussion of CRJE storage estimates and offers some performance guidelines to aid the system programmer in tuning his CRJE system. Manual, 65 pages
//38///5741

GC30-2025

OS TCAM (LEVELS 4 & 5) USER'S GUIDE: VS2 REL 1.6, 1.7
OS REL 21.8

The TCAM User's Guide is for systems analysts and programmers who must design, write, and install a TCAM program. It is both a guide for diagnosis and a problem determination handbook. Information provided includes:

- o An overview of TCAM
- o Functional checklists for coding and diagnosing sections of a TCAM program
- o Coding considerations
- o Checklists of possible errors
- o How and when to dump TCAM and its service aids
- o How to read TCAM dumps
- o Relationships between OS and TCAM control blocks
- o A summary of TCAM macros and operands
- o A detailed description of each field in a TCAM formatted dump

Prerequisites:

IBM System/360 Operating System Telecommunication Access Method (TCAM) Concepts and Facilities, GC30-2022 OS TCAM Programmer's Guide and Reference Manual, GC30-2024. Manual, 238 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GC30-2034

OS/VS TCAM (LEVEL 4) PROGRAMMER'S GUIDE

This book is a coding guide for the programmer who must construct or modify a TCAM message control program (MCP), or who must write a TCAM-compatible application program. It explains how to write a TCAM MCP, how to write a TCAM-compatible application program and how to use a variety of auxiliary service facilities. Also included is information that might be of use in planning and setting up a Teleprocessing system incorporating TCAM. The reader is expected to be familiar with the contents of the publication (OS TCAM Concepts and Facilities,) Order No. GC30-2022. Guide, 500 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

GC30-2037

OS/VS TCAM (LEVELS 4 & 5), SCP 5742, 5744-AW1/2;
VS2 REL 1.6, 1.7, 2; VS1 REL 4

For users of TCAM (Telecommunications Access Method), Level 5 and above; VS1 and VS2. This book familiarizes the operator with TCAM procedures and commands, and provides a convenient reference. For more details on Level 5 TCAM and the operators commands, see the OS/VS TCAM Programmer's Guide, Order No. GC30-2044.

Manual, 40 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GC30-2038

OS/VS TCAM LEVEL 5 COMPONENT RELEASE GUIDE,
SCP 5742, 5744-AW2

This publication contains changes and additions to OS/VS publications as a result of component releases 2, 4, and 5 of VS TCAM. A vertical line to the left of an entry in this publication indicates a change that corresponds to Component Release 5; all other changes correspond to Component Release 2 or 4. Publications updated by this document are:

- OS/VS Message Library: VS1 System Codes - GC38-1003
- OS/VS Message Library: VS2 System Codes - GC38-1008
- OS/VS Message Library: VS1 System Messages - GC38-1001
- OS/VS Message Library: VS2 System Messages - GC38-1002
- OS/VS Message Library: Routing and Descriptor Codes - GC38-1004
- OS/VS 1 System Generation Reference - GC26-3791
- OS/VS 2 System Generation Reference - GC26-3792
- OS/VS 1 Storage Estimates - GC24-5094
- OS/VS 2 Storage Estimates - GC28-0604
- OS/VS 2 System Data Areas - SY28-0606
- OS/VS1 Supervisor Logic - SY24-5155
- OS/VS2 TSO Command Language Reference - GC28-0646
- OS/VS2 TSO Guide - GC28-0644

GC30-2041

OS/VS2 TCAM (LEVELS 8 & 9) PROGRAMMER'S GUIDE

For users of TCAM (Telecommunications Access Method). This book is a coding guide for the programmers who must construct or modify a TCAM message control program (MCP) or write a TCAM-compatible application program. It also explains how to use a variety of auxiliary service facilities. It contains information that might be of use in planning and setting up a teleprocessing system incorporating TCAM/VTAM (Virtual Telecommunications Access Method) and SNA (Systems Network Architecture). The reader should be familiar with OS/VS TCAM Concepts and Facilities, GC30-2042.

Manual, 800 pages
//38///5752-802

GC30-2042

OS TCAM (LEVELS 8 & 9) CONCEPTS AND FACILITIES

This publication is an introduction to the Telecommunications Access Method (TCAM) for persons requiring either a general knowledge of TCAM, or a basic understanding before studying more detailed documentation.

Readers should have a general knowledge of data processing and the IEM operating systems.

Manual, 60 pages
/C/30///5752-802,5741

GC30-2044

OS/VS TCAM LEVELS 5 & 6 PROGRAMMER'S GUIDE: VS2 REL 1.6, 1.7

For users of TCAM (Telecommunications Access Method), Level 5 and above; VS1 and VS2. Incorporates ISC (VS2 only). This book is a coding guide for the programmers who must construct or modify a TCAM message control program (MCP) or write a TCAM-compatible application program. It also explains how to use a variety of auxiliary service facilities. It also has information that might be of use in planning and setting up a teleprocessing system incorporating TCAM. The reader should be familiar with OS TCAM Concepts and Facilities, Order No. GC30-2022.

Manual, 820 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GC30-2045

OS/VS TCAM (LEVELS 8 & 9) USER'S GUIDE

The OS/VS TCAM User's Guide is a publication for systems analysts and programmers who must design, write and install a TCAM program. It is both a guide for diagnosis and a problem determination handbook.

Manual, 350 pages
/C/30///5741,5752-802

GC30-2046

OPERATOR'S LIBRARY: OS/VS2 TCAM (LEVELS 8 & 9)

For users of TCAM (Telecommunications Access Method). This book familiarizes the operator with TCAM procedures and commands, and provides a convenient reference. For more details on Level 8 TCAM and the operator commands, see the TCAM Programmer's Guide, order OS/VS2, No. GC30-2040.

Manual, 40 pages
/C/30///5752

GC30-2047

OPERATOR'S LIBRARY: OS/VS1 TCAM (LEVELS 8 & 9)

The OS/VS1 TCAM Operator's Library is a module in the OS/VS Operator's Library for the operator of teleprocessing systems using the VS1 Operating System and the Telecommunications Access Method (TCAM). It familiarizes the operator with TCAM procedures and commands, and provides a convenient reference. A familiarity with data processing is assumed, however a knowledge of teleprocessing would be helpful.

The material in this publication was previously contained in the Operator's Library: OS/VS TCAM, GC30-2037 which was a combination VS1 and VS2 publication. Beginning with VS1 release 3.1 this publication contains VS1 TCAM Operator's Library information, while VS2 TCAM Operator's Library information continues in the publication Operator's Library: OS/VS TCAM, GC30-2037

A summary of the commands has been placed at the beginning of this guide for easy reference.

Technical terms used in this publication are defined in A Data Processing Glossary, GC20-1699. For more details about OS/VS TCAM and the operator commands, see the OS/VS TCAM Programmer's Guide, GC30-2054. Manual, 30 pages
/C/30///5741

GC30-2049

OS/VS TCAM (W/NCP/VS FOR SNA) CONCEPTS & APPLICATIONS

This is a new publication that introduces the Telecommunications Access Method (TCAM) with direct network control program/virtual storage (NCP/VS) support. This version of TCAM supports IBM's System Network Architecture (SNA) without the Virtual Telecommunications Access Method (VTAM); it operates with OS/VS1, Multiple Virtual Storage (MVS), or Single Virtual Storage (SVS). This manual is for persons requiring a general knowledge of TCAM: data processing managers, system programmers, and application

programmers. It describes how TCAM operates with an IBM 3704 or 3705 Communications Controller in network control mode.

TCAM can also operate with an IBM 2701 Data Adapter Unit, an IBM 2702 or 2703 Transmission Control Unit, an IBM 7770 Audio Response Unit, or with an IBM 3704 in emulation mode. The reader who plans to use TCAM with any of these control units or with the emulation program should refer to the OS/VS TCAM Concepts and Facilities, GC30-2042. OS/VS Concepts and Applications includes information on:

- o Basic TCAM concepts, such as buffering and queuing
- o How TCAM and NCP/VS operate in a teleprocessing network
- o SNA sessions and changes made to TCAM's structure to add SNA support
- o The message control program and message handlers
- o Use of the Time Sharing Option (TSO) in a TSO-only and a TSO/TCAM mixed environment
- o Design consideration for application programs
- o Network control using application-program macros and operator commands.
- o TCAM's service facilities--online tests, operator control, checkpoint/restart, and debugging aids
- o Hardware configurations supported.

Manual, 76 pages, 6/76
/C/30///5741,5752,5742

GC30-2050

ADVANCED COMMUNICATIONS FUNCTION FOR TCAM, GENERAL INFORMATION, PROG PROD 5735-RC1

This publication introduces Advanced Communications Function for the Telecommunications Access Method (ACP/TCAM). This program product supports IBM's System Network Architecture (SNA) and operates with OS/VS1, Multiple Virtual Storage (MVS), or Single Virtual Storage (SVS). This manual is for persons requiring a general knowledge of ACP/TCAM: data processing managers, system programmers, and application programmers. It describes how ACP/TCAM operates with an IBM 3704 or 3705 Communications Controller in network control mode.

ACP/TCAM can operate with an IBM 2701 Data Adapter Unit, an IBM 2702 or 2703 Transmission Control Unit, an IBM 7770 Audio Response Unit, or with an IBM 3704 or 3705 in emulation mode. The reader who plans to use ACP/TCAM with any of these control units or with the emulation program should refer to the OS/VS TCAM Concepts and Facilities, GC30-2042, for information on:

- o Line control
 - o Invitation and selection of terminals
 - o Polling and addressing
 - o Error-recovery procedures.
- Advanced Communications Function for TCAM General Information includes information on:
- o Basic ACP/TCAM concepts, such as buffering and queuing
 - o How ACP/TCAM and NCP/VS operate in a teleprocessing network
 - o SNA sessions and SNA support
 - o How ACP/TCAM operates in a multiple-domain network
 - o The message control program and message handlers
 - o Use of the Time Sharing Option (TSO) in a TSO-only and TSO/TCAM mixed environment
 - o Design consideration for application programs
 - o Network control using application-program macros and operator commands
 - o TCAM's service facilities: online tests, operator control, checkpoint/restart, and debugging aids
 - o Hardware configurations supported

Migration considerations.
Manual, 8-1/2 x 11 inches, 90 pgs, 10/76
//30///5735-RC1

GC30-2051

OS/VS TCAM SYSTEM PROGRAMMER'S GUIDE TCAM LEVEL 10 SELECTABLE UNIT (SU) IDENTIFIERS: 5741-602 (OS/VS1 SU ID); 5742-UY99915 (OS/SVS ICR); 5752-836 (OS/MVS SU ID)

For users of TCAM (Telecommunications Access Method). This book is a coding guide for the programmers who must construct or modify a TCAM message control program (MCP). It also explains how to use a variety of auxiliary service facilities. It contains information might be of use in planning and setting up a teleprocessing system incorporating TCAM and SNA (Systems Network Architecture). The reader should be familiar with OS TCAM Concepts and Applications, Order No. GC30-2049.
Manual, 8 1/2 x 11 inches, 596 pgs, 3/77
/C/30///5742,5741-602,5752-836

GC30-2052

OS/VS TCAM MACRO REFERENCE GUIDE, TCAM LEVEL 10 (SU ID 5741-602 AND 5752-836)

This manual presents detailed information on the macro instructions used with the Telecommunications Access Method (TCAM) with direct Network Control Program/Virtual Storage (NCP/VS) support. All of the TCAM and TCAM/TSO macros are discussed at the operand level. The appendixes contain the TCAM message error record, internal and transmission code charts, and macro return codes.

This manual is a reference guide containing no tutorial information. It is assumed that the user is thoroughly familiar with the TCAM System Programmer's Guide before using this book for coding. The reader must also have a basic understanding of systems network architecture.

The user of this manual should be a TCAM system programmer and must be able to code in Assembler language. Manual, 8 1/2 x 11 inches, 626 pgs, 3/77
/C/30///5742,5741-602,5752-836

GC30-2054

OS/VS1 TCAM (LEVELS 8 & 9) PROGRAMMER'S GUIDE

OS/VS1 TCAM Programmer's Guide - Program No. 5744-AW2 For users of TCAM (Telecommunications Access Method). This book is a coding guide for the programmers who must construct or modify a TCAM message control program (MCP) or write a TCAM-compatible application program. It also explains how to use a variety of auxiliary service facilities. It contains information that might be of use in planning and setting up a teleprocessing system incorporating TCAM/VTAM (Virtual Telecommunications Access Method) and SNA (Systems Network Architecture). The reader should be familiar with OS TCAM Concepts and Facilities, Order No. GC30-2042.

Manual, 792 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GC30-2056

OS/VS2 TCAM LEVEL 10 SELECTABLE UNIT SYSTEM INFORMATION, SUID 5752-836

This publication provides general information and storage estimates for TCAM Level 10 MVS. TCAM Level 10 MVS is supported by OS/VS2 Release 3.7.
Manual, 8 1/2 x 11 inches, 20 pgs, 9/77
////5752-836

GC30-3001

IBM 3735 PROGRAMMER'S GUIDE (OS, DOS, AND VS SYSTEMS)

This publication provides system programmers, application programmers, and operators with the information they need to use IBM 3735 Programmable Buffered Terminal facilities in a teleprocessing system.

All readers should have a general knowledge of System/360 and System/370 data processing techniques in a teleprocessing environment. Those responsible for designing or installing part or all of a system that includes IBM 3735 terminals should have a detailed knowledge of teleprocessing systems.

All users of this book should be familiar with the information contained in IBM 3735 Programmable Buffered Terminal Concept and Application, GA27-3043, which describes the operating characteristics and features of the 3735 terminal.

Programmer's Guide, 200 pages
//30//3735/

GC30-3003

3704 AND 3705 COMMUNICATIONS CONTROLLERS ASSEMBLER LANGUAGE

This publication is a reference manual for the systems programmer, the systems engineer and the applications programmer coding in the IBM Communications Controller Assembler Language.

The publication is similar to the IBM System/360 Operating System Assembler Language publication, GC28-6514. The Communications Controller Assembler is similar to the OS Assembler (level F) and the DOS Assembler (level D). The similarity is intended to aid the Communications Controller programmer who already has OS or DOS Assembler knowledge.

Chapter 1 introduces the assembler language and describes the major differences between the language and the OS and DOS Assembler language. Chapter 2 presents basic assembler language concepts. Chapter 3 describes instruction alignment, machine instruction mnemonics, machine formats and briefly describes the extended mnemonics.

Chapter 4 discusses the instructions to the assemblers, including symbol definition, data definition, program sectioning and linkages, symbolic linkages, base register instructions, listing control and program control instructions. Chapter 5 describes the macro language and the procedures for its use.

Appendixes A through E contain a summary of assembler language features and usage. Appendix F describes the job control language and the storage requirements necessary to produce an assembly, and Appendix G contains messages and codes helpful in debugging a program.

Before using this publication, the reader should be familiar with basic programming concepts and techniques. The prerequisite publication is Introduction to the IBM 3705 Communications Controller, GA27-3051. Prerequisite to this publication is the IBM 3705 Communications Controller Principles of Operation, GC30-3004.

The contents of this publication apply to both OS and DOS users unless noted differently in the text.
Manual, 116 pages
//30//3705,3704/

GC30-3004

IBM 3704 AND 3705 COMMUNICATIONS CONTROLLERS PRINCIPLES OF OPERATION

This publication is the machine reference manual for the IBM 3704 and 3705 Communications Controllers. It provides a direct comprehensive description of (1) the controllers' functional components, (2) the arithmetic, logical, branching, status switching, and input/output operations, and (3) the priority interrupt scheme.

It is intended to provide any 3704/3705 user with the

knowledge of the controller hardware requirements needed to write or modify a 3704 or 3705 control program. The reader is assumed to have a basic knowledge of data processing and teleprocessing systems and to have read the Introduction to the IBM 3704 and 3705 Communications Controllers, GA27-3051, which describes the system briefly and describes the features available.
Manual, 168 pages
//09//3705,3704/

GC30-3005

3704 & 3705 COMMUNICATIONS CONTROLLERS, EMULATION PROGRAM STORAGE & PERFORMANCE REFERENCE MANUAL
This publication has two purposes (1) to assist you in determining the storage requirements for the IBM 3705 Emulation Program, and (2) to assist you in determining the 3705 line attachment capability and proper arrangement of lines on the Communications controller's internal priorities for best Emulation Program performance. The publication is intended for systems analysts and systems programmers responsible for defining and generating an Emulation Program, and for IBM systems engineers and salesmen.

Chapter 1 summarizes the contents of the book. Chapter 2 defines storage requirements. Chapter 3 defines formulas and procedures for establishing line speeds and priorities for best performance.

You should be familiar with the information contained in The IBM 3705 Communications Controller Emulation Program Generation and Utilities, Guide and Reference Manual, GC30-3002. A related publication is the IBM 3705 Communications Controller Principles of Operation, GC30-3004.
Manual, 30 pages
//30//3705,3704/

GC30-3006

STORAGE ESTIMATES & PERFORMANCE PLANNING FOR 3704 & 3705 NCP
This publication is a guide to determining the storage requirements of the network control program, versions 1, 2, and 5 (NCP 1, NCP 2, and NCP 5). It is also a guide to help in the planning for the NCP's performance. (The network control program is a control program for the IBM 3704 and 3705 Communications Controllers. It is generated by the user from a library of IBM supplied modules). The manual is directed to systems analysts, systems programmers, IBM systems engineers, and IBM salesmen who are planning for NCP storage estimates and performance. The manual's user should be thoroughly familiar with the generation and utilities manual appropriate for his version of NCP, as follows:

- NCP 1 - GC30-3000
 - NCP 2 - GC30-3007
 - NCP 5 - GC30-3008
- Manual, 93 pages, 10/76
//30//3705,3704/

GC30-3007

3704 & 3705 CONTROL PROGRAM GENERATION & UTILITIES GUIDE & REFERENCE MANUAL (OS/VSE TCAM LEVELS 5 & 6 IN VSI; VS2 REL 1.6, 1.7, 2, SCP 5744-BA1)
Provides the information necessary to (1) define and generate a network control program/VSE for an IBM 3704 or 3705 Communications Controller, (2) load the program into the controller, and (3) dump the contents of controller storage.

The network control program/VSE is capable of performing two major categories of functions: network control functions and emulation functions. Either or both categories can be included in a specific network control program. Network control functions control the transmission of data between the central processing unit to which the controller is attached and the remote stations of a teleprocessing network. Limited message processing, such as insertion of data and time into message block the controller to operate as an IBM 2701, 2702, or 2703 Transmission Control Unit, or any combination of the three.

This publication is directed to the systems analyst or systems programmer responsible for defining and generating a network control program and loading it into a 3704 or 3705 communications controller.

The chapters of this book are:

- o Introduce the network control program/VSE and summarize the content of the book.
- o Describe the characteristics of the teleprocessing network and the program options that must be considered when defining a program.
- o Give the macro instructions necessary to code a program tailored to a specific installation.
- o Describe the program generation procedure
- o Explain how to use the independent Loader and Dump utility programs.

The appendixes list the teleprocessing devices with which the communications controllers can communicate using the network control program/VSE, give diagnostic messages associated with the generation, loading, and dump procedures and provide other reference information.

Prerequisite to use of this publication is a basic understanding of teleprocessing and teleprocessing access methods. A general knowledge of the purposes of the communications controllers is helpful; this may be obtained from Introduction to the IBM 3704 and 3705 Communications Controllers, GA27-3051.

Manual, 320 pages
//30//3704,3705/5742

GC30-3008

3704 & 3705 CONTROL PROGRAM GENERATION & UTILITIES GUIDE & REFERENCE MANUAL (TCAM 10 SVS - 5742-017) SCP 5742, 5744-ANI/BA2, 5747-AGI/AJ2

Provides the information necessary to (1) define and generate a Network Control Program/VSE for a local or remote IBM 3704 or 3705 Communications Controller; (2) load the program into the controller; and (3) dump the contents of controller storage.

This publication is directed to the systems analyst or systems programmer responsible for performing the above actions.

Prerequisite to use of this publication is a basic understanding of teleprocessing and teleprocessing access methods. A general knowledge of the purposes of the communications controllers may be obtained from the Introduction to the IBM 3704 and 3705 Communications Controllers (GA27-3051).

Manual, 8 1/2 x 11 inches, 216 pages, 1/77
//30//3704,3705/5744-BA2,5747-AJ2,5747-AGI,5744-ANI,5742

GC30-3020

TELEPROCESSING PREINSTALLATION GUIDE FOR IBM 3704 AND 3705 COMMUNICATIONS CONTROLLERS
Teleprocessing Preinstallation Guide for IBM 3704 and 3705 Communications Controllers (GC30-3020)

This publication lists the equipment characteristics of the teleprocessing network and communications controller that the user must specify when coding an emulation program or network control program. The publication consists of a series of tables, one for each type of station supported by the program and one for each type of line set with which the controller can be equipped. Each table gives the appropriate values to code for the station or line set represented. For some characteristics several values are listed, the appropriate choice depending on how the user's station is equipped (for instance, which transmission code it employs) or in which of alternate modes he wishes the station or line to operate. In these cases, accompanying notes suggest where the user may learn the values appropriate for his installation.

A companion publication, Teleprocessing Installation Record for IBM 3704 and 3705 Communications Controllers (GC30-3021), is useful for recording the equipment characteristics of a particular teleprocessing installation as a guide for coding programs for the communications controller.

Manual, 128 pages
//09//3704,3705/

GC30-3021

TELEPROCESSING INSTALLATION RECORD FOR IBM 3704 AND 3705 COMMUNICATIONS CONTROLLERS

This publication provides the user with a convenient means for recording the details of his 3704 or 3705 based teleprocessing configuration existing or planned that he must know before coding an emulation program or network control program. As furnished, the publication consists of a series of formatted charts, each of which as appropriately labelled spaces representing the information items pertinent to a particular type of communication line (such as a multipoint line) and the stations associated with that line. A chart is also provided for recording the hardware units installed in the communications controller, along with related information such as line interface and subchannel addresses used.

From the package of charts provided the user selects the number and types appropriate to his teleprocessing configuration. Upon filling in the information indicated and assembling the charts into a binder, he has a convenient record of his configuration that gives such of the information needed to code a program appropriate to his installation. (The charts also contain spaces for related information not needed in coding the program; for example, common-carrier circuit numbers.)

A companion publication, Teleprocessing Preinstallation Guide for IBM 3704 and 3705 Communications Controllers (GC30-3020), provides guidance in selecting many of the parameters to be documented in the installation record.

Manual, 20 pages
//09//3704,3705/

GC30-3026

3767 COMMUNICATION TERMINAL: SETUP INSTRUCTIONS

Describes the procedures for setting up the IBM 3767 Communication Terminal without the assistance of an IBM Customer Engineer. The publication is directed to terminal operators or other persons who will be responsible for setting up the terminal.

Major subjects include checking the decibel level, attaching cables, attaching features and accessories, and loading forms into the terminal.

Prerequisite publication: None.

Manual, 24 pages
//09//3767/

GC30-3028

IBM 3773, 3774, AND 3775 PROGRAMMABLE COMMUNICATION TERMINALS PROGRAMMER'S GUIDE

This manual contains programming information about the IBM 3773, 3774, and 3775 Programmable Communication Terminals. It is directed to the application programmer who codes the 3770 programs, and to the system programmer who generates

the system and installs the 3770 programming capability. Some of the descriptions in the manual are:

- o Programming characteristics of the terminal.
- o Functions that can be performed by the 3770 programs.
- o How to code the 3770 programs, including a list of all the programming statements.
- o How to code the supervisor (job control) programs.
- o Host services that are necessary to assemble, validate, test, and prepare the program for inclusion into the 3770 program library.

The programmer using this manual should have a thorough understanding of the operating system, access method, and teleprocessing system to which the 3770 is attached.

A prerequisite publication for this manual is IBM 3770 Communication System, System Components, GA27-3097. Manual, 450 pages
//30//3773,3774,3775/

GC30-3033

INTRODUCTION TO ADVANCED COMMUNICATIONS FUNCTION

Provides an introductory description of the types of data communication network configurations that are supported by the three principal programming components of Advanced Communications Function: ACF/VTAM (Advanced Communications Function for Virtual Telecommunications Access Method), ACF/TCAM (Advanced Communications Function for Telecommunications Access Method), and ACF/NCP/VS (Advanced Communications Function for Network Control Program/Virtual Storage). This publication (1) explains the concepts of single-domain networks, and networking; (2) summarizes the capabilities and functions of Release 2 of ACF/VTAM, Version 2 Release 2 of ACF/TCAM, and Release 2 of ACF/NCP/VS; (3) explains the further capabilities and functions provided by Release 3 of ACF/VTAM, Version 2 Release 3 of ACF/TCAM, and Release 3 of ACF/NCP/VS; (4) lists the communication systems and stations supported by the program products listed in (3); (5) contains some preinstallation planning considerations for users intending to install or upgrade a network based on the IBM Systems Network Architecture (SNA); and (6) contains a glossary of terms and abbreviations used in describing SNA-based networks.
Manual, 8 1/2 x 11 inches, 56 pages, 10/76
/C/30///5741,5752,5745-020

GC30-3036

OS/VS TCAM (LEVEL 10) APPLICATION PROGRAMMER'S GUIDE
SUIDS 5741-602, 5752-836, ICR 5742

This manual describes how to write application programs for the TCAM environment. The TCAM application programming environment is described in detail, and all the OS/VS and TCAM MCP requirements are discussed. All of the TCAM application Program macros are presented, and the rationale for each macro is discussed.

This manual is both a tutorial and a reference guide. It is organized from general to specific. This is so the new programmer can begin at Chapter 1, and progress through the book as his knowledge of TCAM increases. The programmer who is experienced with TCAM can use the manual as a reference guide by turning directly to the area that he is interested in.

The user of this manual should be an application programmer, and must be able to code programs in either Assembler language, COBOL, or PL/I. The TCAM system programmer may also occasionally want to refer to this manual.

Manual, 8 1/2 x 11 inches, 160 pgs, 2/77
/C/30///5742,5741-602,5752-836

GC30-3037

OPERATOR'S LIBRARY: OS/VS TCAM (LEVEL 10), SUID 5741-602, 5752-836, ICR 5742

This manual is primarily a reference guide. It describes how a TCAM telecommunication network can be controlled through TCAM operator control commands. Since this manual will be used in a telecommunication environment, a typical telecommunication network is described and discussed. Next, the format and syntax of the TCAM operator control commands is discussed and described. Immediately preceding the detailed discussion of what each command does, a discussion on how to issue the commands is given.

One chapter is a quick reference guide on how to code each command. This chapter may be removed from the manual for use at the terminal that has been designated as the operator control terminal. The last chapter is a list of all the operator awareness messages that may be returned as a result of issuing an operator control command.

The user of this manual should be familiar with the concept of operator control through a keyboard device. The TCAM system programmer may have need to refer to this manual occasionally, and if you plan to write a programmed operator (that is, a TCAM application program that is designed to control your network by issuing operator control commands), you should use this manual in conjunction with the TCAM Application Programmer's Guide GC30-3036.

Manual, 8 1/2 x 11 inches, 92 pgs, 2/77
/C/30///5742,5741-602,5752-836

GC30-3038

OS/VS2 SVS TCAM (5742-017) COMPONENT RELEASE GUIDE, TCAM LEVEL 10, FEATURES 5074 OR 5075

This publication contains changes and additions to OS/VS2 (SVS) publications as a result of component release 10 of

OS/VS TCAM.

Publications updated by this document are:
OS/VS Message Library: VS2 System Messages, GT38-1002
OS/VS Message Library: VS2 System Codes, GT38-1008
OS/VS Message Library: Routing and Descriptor Codes, GC38-1004

OS/VS 2 Storage Estimates, GT38-0604

TCAM Level 10 enhances TCAM's support of NCP/VS to include Systems Network Architectures (SNA). This support includes terminals and subsystems on Synchronous Data Link Control (SDLC) lines as well as ESC and start/stop terminals. TCAM's direct support of NCP/VS extends IBM's support of SNA. TCAM/NCP direct eliminates the need to use TCAM-through-VTAM to obtain SNA support through TCAM.

TSO support of SELC Leased Lines is provided for 3767 Communication Terminal and 3270 Information Display System. The 3770 Communication System in 3767 compatibility mode is also supported via SELC leased lines. TCAM direct support of NCP/VS also offers TSO general poll for 3270 ESC.
Manual, 8 1/2 x 11 inches, 76 pgs, 2/77
/C/30///5742

GC30-3039

OS/VS TCAM INSTALLATION AND MIGRATION GUIDE LEVEL 10
SELECTABLE UNIT (SU) IDENTIFIERS; 5741-602 (OS/VS1 SU ID)
5742-UY99915 (OS/SVS ICR); 5752-836 (OS/MVS SU ID)

This publication will help shorten the time required to install a TCAM-10 system or to migrate from an existing TCAM system to TCAM-10. This manual provides sample message control programs (MCPs) and a network control program (NCP) for three system configurations: TCAM only, TSO only, and TCAM mixed operation. These samples are to be used as adjunct information to that contained in TCAM System Programmer's Guide GC30-2051 and the TCAM Macro Reference Guide GC30-2052. Both of these manuals as well as the TCAM 10 Program Directory document should be at hand as this guide is read. This manual points to detailed information in the other publications.

This manual is intended for system programmers and those responsible for installing TCAM-10.

Manual, 8 1/2 x 11 inches, 316 pgs, 3/77
/C/30///5741-602,5752-836,5742

GC30-3040

OS/VS TCAM DEBUGGING GUIDE LEVEL 10, OS/VS1 SUID 5741-602,
OS/MVS SUID 5752-836, OS/SVS ICR 5742-UY99915

The OS/VS TCAM Debugging Guide was written for systems programmers who must write, install or maintain a TCAM program. It is both a guide for diagnosis and a problem determination handbook.

Manual, 8 1/2 x 11 inches, 226 pgs, 6/77
/C/30///5742,5741-602,5752-836

GC30-3044

OS/VS MESSAGE LIBRARY: VS1 TCAM LEVEL 10
MESSAGES OS/VS1 SU ID 5741-602

This publication contains the system messages applicable to TCAM Level 10 (TCAM Direct).

Manual, 8 1/2 x 11 inches, 48 pgs, 4/77
/C/30///5741-602,5752-836,5742

GC30-3046

OS/VS1 TCAM LEVEL 10 SELECTABLE UNIT SYSTEM INFORMATION,
SU ID 5741-602

This publication gives a general description of TCAM Level 10 (TCAM Direct), lists other TCAM publications, and provides storage estimate information.

Manual, 8 1/2 x 11 inches, 24 pgs, 4/77
/////5741-602

GC30-3049

ADVANCED COMMUNICATIONS FUNCTION FOR TCAM CONCEPTS AND
PLANNING

This publication provides an overview of Advanced Communications Function for the Telecommunications Access Method (ACF/TCAM). The ACF/TCAM program product supports IBM's systems network architecture (SNA) and operates with OS/VS1, Multiple Virtual Storage (MVS), and Single Virtual Storage (SVS). All information in this manual pertaining to multiple-domain configurations and cross-domain operations applies to ACF/TCAM systems with the Multisystem Networking Facility. The manual is directed primarily to data processing managers and the system programmers who will design, install, or maintain a data communication system that uses ACF/TCAM. The application programmer can also use the manual to understand the context in which ACF/TCAM application programs execute.

Manual, 8 1/2 x 11 inches, 92 pgs, 12/77
/////5735-RC1

GC30-3057

ACF/TCAM, VERSION 2 GENERAL INFORMATION: INTRODUCTION
RELEASE 3, LIC PROG 5735-RC3

This publication provides an overview of Advanced Communications Function for the Telecommunications Access Method (ACF/TCAM), Version 2, Releases 1, 2, and 3. The ACF/TCAM program product supports IBM's Systems Network Architecture (SNA) and operates with OS/VS1 and OS/VS2 MVS. The manual describes ACF/TCAM's operation using an IBM network control program (either NCP/VS, Version 5 - for single-domain networks or ACF/NCP/VS - for multiple-domain

networks) in an IBM 3705 Communications Controller. The manual is intended for data processing managers, their technical staff, and others who desire evaluative information on the product. The reader should be familiar with the basic concepts of data communication.
Manual, 35 pages
/////5735-RC3

personnel who provide program maintenance on ACF/TAP.

A general knowledge of traces, SNA (SDLC and networking), VTAM or TCAM access methods, and communications controllers is a prerequisite for using ACF/TAP. This publication has no prerequisite manuals.
Manual, 8 1/2 x 11 inches, 100 pgs, 10/76
/////5735-XX3

GC30-3058

ACF/NCP/VS NETWORK CONTROL PROGRAM SYSTEM SUPPORT PROGRAM GENERAL INFORMATION

Provides a general introduction to the ACF/NCP/VS program product (Advanced Communications Function/Network Control Program/Virtual Storage) and the System Support Programs for ACF/NCP/VS program product. This edition summarizes the specific functions provided by Releases 2 and 3 of ACF/NCP/VS and explains the relationship between the network control program and the communication access methods (ACF/TCAM and/or ACF/VTAM) executed in host processors.

This publication is directed primarily to data processing managers and data communication network designers intending to install or upgrade an ACF/NCP/VS-based network or to consolidate existing networks.

Prerequisite to use of this publication is a general knowledge of data communication. A knowledge of the basic concepts of Systems Network Architecture is also helpful. Related publications:

ACF/TCAM General Information: Introduction, GC30-3057
ACF/VTAM General Information: Introduction, GC27-0462
Introduction to Advanced Communications Function, GC30-3033
Manual, 8 1/2 x 11 inches, 1021 pages, 5/79
/////5735-XX3,5735-XX4,5735-XX1

SC30-3112

IBM SYSTEMS NETWORK ARCHITECTURE FORMAT AND PROTOCOL REFERENCE MANUAL: ARCHITECTURE LOGIC

An in-depth reference publication intended for use by implementers of SNA-defined functions. It covers in detail the formats and rules for the architecture. Users of this manual must have a thorough understanding of the nature and structure of the architecture.

Manual, 460 pages, 6/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

SC30-3113

NETWORK CONTROL PROGRAM: STRUCTURE OVERVIEW FOR START/STOP AND BSC LINE CONTROL

This manual describes how the start-stop and BSC line controls work in the network control program. It should be used by experienced system programmers and systems engineers who wish to understand in more detail the NCP's support of start-stop and BSC terminals.

To thoroughly understand the start-stop and BSC line controls in the NCP, the reader should be intimately familiar with the NCP PLM, SY30-3013 or LY30-3030; the 3705 Principles of Operations, GC30-3004; and the NCP program level 5 microfiche listings. He should also understand the NCP generation process and therefore, be familiar with the 3705 Control Program Generation and Utilities manual, SC30-3016 or GC30-3008. The Program Reference Handbook, SC30-3029 or GY30-3012, is also necessary for an understanding of the data areas and control blocks discussed in this manual.

Manual, 8 1/2 x 11 inches, 85 pgs, 7/77
/C/30//3704,3705/5741,5742

SC30-3114

STORAGE ESTIMATES AND PERFORMANCE PLANNING FOR THE 3705 COMMUNICATION CONTROLLER

This manual assists the reader in determining storage estimates for the network control program and in planning for the performance of a data communication system. The publication is directed to systems analysts, system programmers, IBM systems engineers, and IBM salesmen who are planning for ACF/NCP/VS storage estimates and performance. The only prerequisite publication for this manual is the ACF/NCP/VS Generation and Utilities Reference Manual, SC30-3116.

Manual, 8 1/2 x 11 inches, 80 pgs, 7/77
/C/30//3705/

SC30-3115

ACF/TAP USER'S GUIDE (ADVANCED COMMUNICATION FUNCTION/TRACE ANALYSIS PROGRAM) SSP 6 - 5735-XX3

The Advanced Communications Function Trace Analysis Program User's Guide, SC30-3115, describes how to use the Advanced Communications Function Trace Analysis Program (called ACF/TAP), which is an IBM service aid that increases the usefulness of trace data by providing:

- A common trace analysis facility for ACF/VTAM, ACF/TCAM, and ACF/NCP trace data.
- Output reports that show SNA and SDLC network trace data in formats that are easy to read and understand.

This publication has two purposes, each independent of the other:

- It describes how to use ACF/TAP.
- It provides a general overview of ACF/TAP maintenance information.

This user's guide is for IBM Customer Engineers, Program Support Representatives, and Systems Engineers who use ACF/TAP to provide hardware and program maintenance for customer data communication networks. It is also for IBM

SC30-3116

IBM 3705 ADVANCED COMMUNICATIONS FUNCTION FOR NETWORK CONTROL PROGRAM/VS GENERATION AND UTILITIES, REFERENCE, PROG PROD 5735-XX1, -XX3

Provides the information necessary to (1) define and generate an ACF/NCP/VS for an IBM 3705 Communications Controller (under OS/VS and DOS/VS); (2) load the program into the controller; and (3) dump the contents of controller storage.

The ACF/NCP/VS can perform two major categories of functions: network control functions and emulation functions. Network control functions control the transmission of data between the access method (TCAM, ACF/TCAM, VTAM, ACF/VTAM) in the host processor and the SDLC (synchronous data link control), start-stop, and binary synchronous stations of a data communications network. Emulation functions enable the controller to operate as an IBM 2701, 2702, or 2703 transmission control unit, or any combination of the three, for transmission of data between the host processor and start-stop and/or binary synchronous stations. The user may generate an ACF/NCP/VS to include network control functions only, or both network control and emulation functions.

(This publication may also be used to generate a stand-alone emulation program to be executed in an IBM 3704 or 3705 Communications Controller.)

This publication is directed to the systems analyst or systems programmer responsible for defining and generating an ACF/NCP/VS and loading it into a 3705 communications controller.

The chapters of this book:

- Introduce the ACF/NCP/VS and summarize the content of the book.
- Describe the characteristics of the data communications network (including SDLC, binary synchronous, and start-stop stations) and the program options that must be considered when defining a program.
- Give the macro instructions necessary to code a program tailored to a specific installation.
- Describe the program generation procedure.
- Explain how to use the loader and dump utility programs under both OS/VS and DCS/VS.

The appendices list the data communications devices with which the communications controllers can communicate using ACF/NCP/VS (and the emulation program), explain diagnostic messages related to the generation, loading, and dump procedures, and provide other relevant information about the program options.

Prerequisite to use of this publication is a basic understanding of data communications and data communications access methods. A general knowledge of the purposes of the communications controllers may be obtained from the Introduction to the IBM 3704 and 3705 Communications Controllers (GA27-3051).

Manual, 8 1/2 x 11 inches, 700 pgs, 9/77
/////5735-XX3,5735-XX1

SC30-3117

ADVANCED COMMUNICATIONS FUNCTION FOR TCAM, LIC PROG 5735-RC1, SYSTEM PROGRAMMER'S GUIDE

This book is for users of the telecommunications access method (TCAM). It is a coding guide for the system programmer who must construct or modify a TCAM message control program (MCP) supporting IBM's Advanced Communications Function (ACF). It explains how to write an ACF/TCAM MCP using assembler language coding conventions and how to use a variety of auxiliary service facilities. This book contains information that might be of use in planning and setting up a data communication system incorporating ACF/TCAM and systems network architecture (SNA). The reader is expected to be familiar with ACF/TCAM Concepts and Planning (GC30-3049) and to have a basic understanding of SNA.

Manual, 8 1/2 x 11 inches, 688 pgs, 12/77
/////5735-RC1

SC30-3118

ADVANCED COMMUNICATIONS FUNCTION FOR TCAM MACRO REFERENCE GUIDE

This publication is a reference guide that contains detailed information on the macro instructions used with the Advanced Communications Function for TCAM (ACF/TCAM) with direct network control program/virtual storage (NCP/VS) support. It includes the ACF/TCAM and ISO macro instructions, the message error record, internal and transmission code charts, and macro return codes. This manual is for a system programmer who is thoroughly familiar with the ACF/TCAM System Programmer's Guide and is ready to code a message control program (MCP). It is essential that the user refer to the ACF/TCAM System Programmer's Guide for a functional explanation of ACF/TCAM; this book is not tutorial and contains only a lower-level explanation of the macros with specific operand-coding considerations. The reader should also be familiar with the contents of the ACF/TCAM Installation and Migration Guide, the ACF/TCAM Concepts and Planning manual, and the ACF/TCAM Application Programmer's

Guide. The reader is also assumed to have basic understanding of systems network architecture (SNA). Manual, 8 1/2 x 11 inches, 444 pgs, 12/77
 ////5735-RC1

SC30-3119

ADVANCED COMMUNICATIONS FUNCTION FOR TCAM APPLICATION PROGRAMMERS GUIDE

This guide is intended for the application programmer whose programs will communicate with local or remote stations or other application programs via ACF/TCAM. It provides the information needed by an application programmer to ensure that his program will interface with ACF/TCAM. This guide does not contain any ACF/TCAM MCP programming information except that which is necessary to fully understand the interface between an ACF/TCAM MCP and an ACF/TCAM application program.
 Manual, 8 1/2 x 11 inches, 162 pgs, 11/77
 ////5735-RC1

SC30-3120

ADVANCED COMMUNICATIONS FUNCTION FOR ACF/TCAM MESSAGES OS/VS PROGRAM PRODUCT 5735-RC1

This publication contains the system messages applicable to ACF/TCAM. Users of ACF/TCAM can use these pages to replace the corresponding section of their system messages book.
 Manual, 8 1/2 x 11 inches, 104 pgs, 12/77
 ////5735-RC1

SC30-3121

ADVANCED COMMUNICATION FUNCTION FOR TCAM, LIC PROG 5735-RC1, INSTALLATION AND MIGRATION GUIDE

This publication provides a general description of the concepts you should be familiar with to install or migrate to an ACF/TCAM system. It's purpose is to help reduce the time required to migrate to or install an ACF/TCAM controlled data communication network. More detailed information about the concepts and topics discussed in this Guide is provided in other publications in the ACF/TCAM library. The primary reference source, however, is the ACF/TCAM System Programmer's Guide.

This Guide is intended for systems programmers and IBM systems engineers who have a thorough knowledge of operating systems as well as experience in how to install a TCAM system. It is organized in four chapters and four appendixes as follows:

"Chapter 1. Introduction" summarizes the ACF/TCAM functions for single-domain and for multiple-domain networks. It also provides a general description of Systems Network Architecture and ACF/TCAM as well as the ACF/TCAM Multisystem Networking Facility. An understanding of the information contained in this chapter is required to construct a data communication network controlled by ACF/TCAM.

"Chapter 2. ACF/TCAM Installation Guidelines" describes the channel and device configurations of a sample multiple-domain network that utilizes the program examples described in Chapter 3.

"Chapter 3. Sample Program Descriptions" contains the descriptions of two message control programs, three network control programs and five application programs that are used in the sample multiple-domain network configuration described in Chapter 2. The source listings for these programs are in Appendix D.

"Chapter 4. Migration" contains a summary of ACF/TCAM migration considerations for single-domain and multiple-domain networks. This chapter also describes the changes required for current TCAM systems to migrate to an ACF/TCAM system.

"Appendix A. Macros Required to Define and ACF/TCAM Message Control Program" describes the new or modified macros used to define an ACF/TCAM message control program.

"Appendix B. Macro Changes for OS/VS TCAM and ACF/TCAM Releases" describes, in chart form, the TCAM macros and operands for TCAM release 5F through ACF/TCAM. This information may be used as a migration aid. It identifies the differences in the macros and their operands between one release of TCAM and another.

"Appendix C. Storage Estimates" describes the storage requirements for an ACF/TCAM message control program.

"Appendix D. Program Listings" contains the source listings for the sample message control programs, network control programs and the application programs used in the sample network configuration described in Chapter 2. The source listings represent executable examples of the program definition directions described in the ACF/TCAM library of manuals. These programs may be used as patterns when you code your message control program, or they can be installed with the appropriate modifications to make them match your hardware configuration. The descriptions of the sample programs are in Chapter 3. The JCL associated with the MCPs and the application programs are also in this Appendix.
 Manual, 8 1/2 x 11 inches, 100 pgs, 12/77
 ////5735-RC1

SC30-3122

ADVANCED COMMUNICATION FUNCTION FOR TCAM, LIC PROG 5735-RC1, DEBUGGING GUIDE

This manual can be used three ways: as a source of hints for originally coding the ACF/TCAM message control program (MCP) in a manner that facilitates the detection, handling, and diagnosis of error conditions that occur while the ACF/TCAM network is running; as an aid in diagnosing certain

problems that occur due to incorrect coding of MCP macros; and as a guide to the selection and running of ACF/TCAM diagnostic aids that facilitate troubleshooting and debugging in a running ACF/TCAM network that is experiencing trouble.

Manual, 8 1/2 x 11 inches, 224 pgs, 12/77
 ////5735-RC1

SC30-3123

ADVANCED COMMUNICATIONS FUNCTION FOR TCAM, PROG PROD 5735-RC1, OPERATORS GUIDE

Program No. 5735-RC1 with base feature No. 9001 and networking feature No. 6008. This manual describes the ACF/TCAM operator control commands and how these commands are used to control and monitor ACF/TCAM networks. It is primarily a comprehensive reference for an experienced OS/VS system operator who has been designated as the ACF/TCAM operator. System programmers and application programmers may also occasionally use this manual.

This manual contains five chapters. Chapter 1 briefly reviews some telecommunications concepts pertaining to ACF/TCAM and then describes the physical and logical elements of both single- and multiple-domain ACF/TCAM networks. Chapter 2 describes how to format and enter operator commands and how to respond to ACF/TCAM reply messages to operator commands. Chapter 3 describes the operator commands, including an explanation of the function of the commands and their operands. Chapter 4 is a summary of the operator commands. Chapter 5 lists the message number and text for messages that the operator is likely to receive after entering one of the operator commands.
 Manual, 8 1/2 x 11 inches, 140 pgs, 12/77
 ////5735-RC1

SC30-3124

ACF/TCAM-NCP BIBLIOGRAPHY AND MASTER INDEX

No abstract available.
 Manual, 8 1/2 x 11 inches, 132 pages, 3/78
 ////5735-RC1,5735-XX1

SC30-3138

ACF/TCAM VERSION 2, SERVICE FACILITIES, SYSTEM SERVICE PROGRAMS AND UTILITIES ACF/TCAM 5735-RC3; V01 5741-TC221; MVS 5752-TC221

This publication describes the ACF/TCAM service facilities, system service programs, and utilities, all of which are auxiliary routines designed to help the message control program (MCP) in directing message traffic through the network.

ACF/TCAM service facilities include checkpoint/restart, dynamic accounting, security and authorization, message logging, and startup/restart message generation. Among the ACF/TCAM system service programs are basic and extended operator control, online retrieval, save/restore message queues, internodal awareness, and internodal sequence number synchronization. ACF/TCAM utilities include the message queue data set preformatting utility (IEDQXA), CCREDIT print utility (IEDQXB), message queue data set dump utility (IEDQXC).

This publication includes explanations of these facilities and examples of procedures and techniques. It should be used as a reference for the system programmer responsible for the planning and coordination of a network with ACF/TCAM.

Manual, 8 1/2 x 11 inches, 150 pages, 4/79
 ////5735-RC3

GC30-9500

ADVANCED COMMUNICATIONS FUNCTION FOR TCAM (ACF/TCAM) WITH A FEATURE FOR MULTISYSTEM NETWORKING, DESIGN OBJECTIVES, PROG PROD 5735-RC1

This Program Product Design Objectives (PPDC) describes the design objectives and provides the estimated availability date of the subject Program Product. Advanced Communication Function for Tcam (ACF/TCAM) is an IBM Telecommunications Access Method program product. ACF/TCAM will be available for use in OS/VS1, OS/VS2, SVS, and OS/VS2 MVS system environments. ACF/TCAM is queued, general purpose teleprocessing access method, a component of IEM System Network Architecture (SNA) that controls the resources of a TCAM single domain network. A TCAM single domain network consists of a System/370 host processor, the host access method (ACF/TCAM), and the resources under control of that access method. Use of ACF/TCAM requires the concurrent installation of prerequisite TCAM system control Programming (SCP). This prerequisite SCP should only be installed by ACF/TCAM users.

FLYER, 8 1/2 x 11 inches, 6 pages, 9/76
 ////5735-RC1

GC30-9501

ADVANCED COMMUNICATIONS FUNCTION FOR NCP/VS (ACF/NCP/VS) DESIGN OBJECTIVES, PROG PRCD 5735-XX1

This Program Product Design Objectives (PPDC) describes the design objectives and provides the estimated availability date of the subject Program Product. Advanced Communications Function for NCP/VS (ACF/NCP/VS), a Network Control Program/VS program product, when generated and loaded, executes in the 3705-I or 3705-II Communications Controller. Use of ACF/NCP/VS requires the concurrent installation of prerequisite NCP/VS system control programming (SCP). This prerequisite SCP should be

installed only by ACF/NCP/VS users.
Flyer, 8 1/2 x 11 inches, 4 pages, 9/76
/////5735-XX1

GC30-9502

SYSTEM SUPPORT PROGRAMS FOR ADVANCED COMMUNICATIONS FUNCTION NCP/VS, PROG PROD 5735-XX3 DESIGN OBJECTIVES
This Program Product Design Objectives (PPDO) describes the design objectives and provides the estimated availability date of the subject Program Product. System Support Programs for Advanced Communications Function NCP/VS comprises a set of programs that operate in the host system/370. Use of system support programs for ACF/NCP/VS requires the concurrent installation of prerequisite System Support Programs system control programming (SCP). This prerequisite SCP should be installed only by users of System Support Programs for ACF/NCP/VS.
Flyer, 8 1/2 x 11 inches, 2 pages, 9/76
/////5735-XX3

GC30-9503

TELECOMMUNICATIONS CONTROL SYSTEMS-ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF) PROG PROD 5740-XY3, DESIGN OBJECTIVES
This sheet describes design objectives of the Telecommunications Control System - Advanced Communications Function (TCS-ACF) program product which provides enhanced functions, installability, and operability for users with single-system ACF/TCAM or TCAM/NCP/VS Direct Networks or systems utilizing the ACF/TCAM Multisystem Networking Facility. These Functional capabilities are available to the user through TCS-ACF and a separately orderable TCS-ACF Networking Feature.
Flyer, 8 1/2 x 11 inches, 6 pgs, 3/77
/////5740-XY3

GC30-9506

EMULATOR PROGRAM, EXTENDED FEATURES PRPQ, PROG 5799-ATD, DESIGN OBJECTIVES
This document describes design objectives of the 3705 Extended Features PRPQ which provides additional functions to the 3705 Emulation Program. These additional functions give the 3705 II user new capabilities which make his total teleprocessing system more flexible.

The additional functions made available by this PRPQ are:

- Multiple Host support (Maximum of 4 Type 4 channel adapters)
- Operator Console support
- Statistics Gathering
- System/CPU Select for Some START/STOP Terminals
- Automatic Speed Selection
- Code Conversion

The Extended features are totally compatible with the Multiple Subchannel Line Access (MSLA) facility in EP V3M0. The MSLA feature may be used in a multiple host environment to provide line recovery operations in the event of a host malfunction. Should one host processor go down, all or some of its teleprocessing load may be transferred to a second host processor. Communication over the same lines resumes via the MSLA paths.

Flyer, 8 1/2 x 11 inches, 4 pages, 7/77
/////5799-ATD

GC30-9507

ADVANCED COMMUNICATION FUNCTION FOR NCP/VS, SPECIFICATIONS PROG PROD 5735-XX1
These specifications describe the subject program product. Advanced Communications Function for NCP/VS (ACF/NCP/VS), a Network Control Program/VS program product, when generated and loaded, executes in the 3705-I or 3705-II Communications Controller. Use of ACF/NCP/VS requires the concurrent installation of prerequisite NCP/VS system control programming (SCP). This prerequisite SCP should be installed only by ACF/NCP/VS users.
Folder, 8 1/2 x 11 inches, 4 pgs, 7/77
/////5735-XX1

GC30-9508

SYSTEM SUPPORT PROGRAMS FOR ADVANCED COMMUNICATIONS FUNCTION/NCP/VS, PROG PROD 5735-XX3, SPECIFICATIONS
These specifications describe the subject program product. System Support Programs for Advanced Communications Functions NCP/VS comprises a set of programs that operate in the host System/370. Use of system support programs for ACF/NCP/VS requires the concurrent installation of prerequisite System Support Programs system control programming (SCP). This prerequisite SCP should be installed by users of System Support Programs for ACF/NCP/VS.
Flyer, 8 1/2 x 11 inches, 2 pgs, 7/77
/////5735-XX3

GC30-9509

EMULATOR PROGRAM, EXTENDED FEATURES PRPQ, PROG 5799-ATD, SPECIFICATIONS
This specification sheet describes warranted specifications of the 3705 Extended Features PRPQ which provides additional functions to the 3705 Emulation Program. These additional functions give the 3705 II user new capabilities which make his total teleprocessing system more flexible. These additional functions are:

- Multiple Host support (Maximum of 4 Type 4 channel adapters)
- Operator Console support
- Statistics Gathering
- System/CPU Select for Some START/STCP Terminals
- Automatic Speed Selection
- Code Conversion

The Extended features are totally compatible with the Multiple Subchannel Line Access (MSLA) facility in EP V3M0. The MSLA feature may be used in a multiple host environment to provide line recovery operations in the event of a host malfunction. Should one host processor go down, all or some of its teleprocessing load may be transferred to a second host processor. Communication over the same lines resumes via the MSLA paths.

Flyer, 8 1/2 x 11 inches, 4 pages, 7/77
/////5799-ATD

GC30-9510

MVS NCP/VS TCAM LVL 10, 5752-836 SPECIFICATIONS
This is the System Control Programming Specifications for TCAM NCP/VS Direct (TCAM Level 10), Selectable Unit 36 (SU36).

Flyer, 8 1/2 x 11 inches, 2 pages, 7/78

GC30-9511

ACF/TCAM FOR MULTISYSTEM NETWORKING PROG PRCD 5735-RC1
No abstract available.

Flyer, 8 1/2 x 11 inches, 6 pgs, 10/77
/////5735-RC1

GC30-9516

TCAM NCP/VS DIRECT (TCAM LEVEL 10) SU 2; SCP 5741-VS1 TCAM 10 SUPPORT, SUID 5741-602, SPECIFICATIONS
This publication provides specifications for warranty for TCAM NCP/VS Direct (TCAM level 10) Selectable Unit 2.

Flyer, 8 1/2 x 11 inches, 2 pages, 8/78

GC30-9518

ACF/TCAM SUPPORT FOR ICR UY99954 SCP 5742-017, SFCS
This publication provides specifications for warranty for Advanced Communication Function for TCAM (ACF/TCAM), Independent Component Release UY99954, SCP 5742-017 ACT/TCAM Support.

Flyer, 8 1/2 x 11 inches, 8/78

GC30-9519

SUI2 ADVANCED COMMUNICATION FUNCTION FOR TCAM (ACF/TCAM) SUID 5741-612, SCP 5741-VS1, ACF/TCAM SUPPORT, SFCS

This publication provides specifications for warranty for Advanced Communication Function for TCAM (ACF/TCAM), Selectable Unit Number 12, SCP 5741-VS1 ACF/TCAM Support.

Flyer, 8 1/2 x 11 inches, 1 page, 8/78

GC30-9520

ADVANCED COMMUNICATION FUNCTION FOR TCAM (ACF/TCAM) V2R1, V2R2 PROGRAM SUMMARY, SCP 5735-RC3, DESIGN OBJECTIVES

This publication provides the design objectives for the subject program.

Flyer, 8 1/2 x 11 inches, 2 pages, 10/78
/////5735-RC3

GC30-9521

SYSTEM SUPPORT PROGRAMS FOR ACF/NCP/VS RELEASE 2 PROGRAM SUMMARY, SCP 5735-XX3, DESIGN OBJECTIVES
This publication provides the design objectives for the subject program.

Flyer, 8 1/2 x 11 inches, 2 pages 10/78
/////5735-XX3

GC30-9522

ADVANCED COMMUNICATION FUNCTION FOR NCP/VS RELEASE 2 PROGRAM SUMMARY, SCP 5735-XX1, DESIGN OBJECTIVES

This publication provides the design objectives for the subject program.

Manual, 8 1/2 x 11 inches, 2 pages 10/78
/////5735-XX1

GC30-9525

ADVANCED COMMUNICATION FUNCTION FOR TCAM (ACF/TCAM) VERSION 2, LIC PROG 5735-RC3, SPECIFICATIONS

No abstract available.

Flyer
/////5735-RC3

GC33-0001

OS PL/I OPTIMIZING COMPILER: GENERAL INFORMATION MANUAL PROGRAM NUMBER 5734-PL1

This manual introduces and describes the compiler and the associated resident and transient libraries. The information is provided for use as a planning aid only, and is intended to assist both existing and prospective users of PL/I.

- Topics covered in the manual include:
- o Design philosophy and performance of the compiler
 - o Optimization facilities provided
 - o Comparison with the PL/I (F) Compiler
 - o Machine and system requirements of the compiler
 - o Summary of the PL/I language implemented
 - o Bibliography of related publications

The reader is assumed to be familiar with PL/I and with the Operating System.

Program product manual, 44 pages
/////5734-PL3,5734-PL1

GC33-0003

OS PL/I CHECKOUT COMPILER: GENERAL INFORMATION
PROG. NOS. 5734-PL2, 5734-LM5

This manual introduces and describes the compiler and the associated resident and transient libraries. The information is provided for use as a planning aid only, and is intended to assist both existing and prospective users of PL/I. Topics covered in the manual include:

- o Design philosophy and performance of the compiler
- o Compiler options provided
- o Summary of the PL/I language implemented
- o Comparison with the PL/I (F) Compiler
- o Machine and system requirements of the compiler
- o Discussion of the complementary use of the PL/I Checkout and PL/I Optimizing Compilers
- o Bibliography of related publications

The reader is assumed to be familiar with PL/I and with the Operating System.

Manual, 58 pages
 ////5734-LM5,5734-PL2

GC33-0004

DOS PL/I OPTIMIZING COMPILER: GENERAL INFORMATION MANUAL -
PROG. PROD. 5736-PL1

This manual introduces and describes the compiler and the associated resident and transient libraries. The information is provided for use as a planning aid only, and is intended to assist both existing and prospective users of PL/I.

- Topics covered in the manual include:
- . Design philosophy and performance of the compiler
 - . Optimization facilities provided
 - . Comparison with the PL/I D Compiler
 - . Machine and system requirements of the compiler
 - . Summary of the PL/I language implemented
 - . Bibliography of related publications

The reader is assumed to be familiar with PL/I and with the Disk Operating System.

Manual, 48 pages
 ////

GC33-0005

DOS PL/I OPTIMIZING COMPILER: LANGUAGE REFERENCE MANUAL
PROGRAM NOS. 5736-PL1, AND 5736-PL3

This publication is the primary source of information on the language implemented by the DOS PL/I Optimizing Compiler. It is a reference manual rather than a tutorial text, and the reader is assumed to have some previous knowledge of PL/I.

The manual contains information on how to write a PL/I source program. For information on how to compile, link-edit, and execute the program, reference should be made to DOS PL/I Optimizing Compiler: Programmer's Guide (SC33-0008).

SRL, 472 pages
 ////5736-PL1,5736-PL3

SC33-0006

OS PL/I OPTIMIZING COMPILER - PROGRAMMER'S GUIDE
PROGRAM NUMBERS 5734-PL1, 5734-LM4, 5734-LM5

This manual is a companion volume to OS PL/I Optimizing and Checkout Compilers: Language Reference Manual (SC33-0009) and OS/360 Time Sharing Option: PL/I Optimizing Compiler (SC33-0029). The three manuals form a guide to the writing and execution of PL/I programs using the optimizing compiler and the associated resident and transient libraries in the batch and time-sharing environments of the IBM Operating System.

The programmer's guide is concerned with the relationship between a PL/I program, the optimizing compiler, and the operating system. It explains how to compile, link-edit, and execute a program in a batch environment, and it introduces job control language, the linkage editor, and the loader, data management, and other operating system features that may be required by a PL/I programmer.

SRL Manual, 248 pages
 ////5734-PL1,5734-LM5,5734-LM4,5734-PL3

SC33-0007

SYSTEM/360 OPERATING SYSTEM PL/I CHECKOUT COMPILER
PROGRAMMER'S GUIDE - PROGRAM NUMBERS 5734-PL2, 5734-LM5

This manual is a companion volume to OS PL/I Optimizing and Checkout Compilers: Language Reference Manual, Order No. SC33-0009, and the OS Time Sharing Option: PL/I Checkout Compiler, Order No. SC33-0033. The three manuals form a guide to the writing and execution of PL/I programs using the checkout compiler and the transient library in the batch and time-sharing environments of the IBM Operating System.

The programmer's guide is concerned with the relationship between a PL/I program, the checkout compiler, and the operating system. It explains how to use the checkout compiler to run a PL/I program in a batch environment, and introduces job control language, the linkage editor, the loader, data management, and other operating system features that may be required by a PL/I programmer.

Programmer's Guide, 216 pages
 ////5734-PL2,5734-LM5

SC33-0008

DOS PL/I OPTIMIZING COMPILER: PROGRAMMER'S GUIDE - PROGRAM
PRODUCTS 5736-PL1, 5736-LM4 AND 5736-LM5

This manual is a companion volume to the DCS PL/I Optimizing Compiler: Language Reference Manual (Order Number GC33-0005). The two manuals form a guide to the writing and execution of PL/I programs using the optimizing compiler and the associated resident and transient libraries under the IBM Disk Operating System.

The programmer's guide is concerned with the relationships between a PL/I program, the optimizing compiler, and the operating system. It explains how to compile, link-edit, and execute a PL/I program, and it introduces job control language, the linkage editor, data management, and other operating system features that may be required by a PL/I programmer.

Manual, 200 pages
 ////5736-PL1

GC33-0009

OS PL/I CHECKOUT AND OPTIMIZING COMPILERS: LANGUAGE REFER-
ENCE MANUAL, PROG. NOS. 5734-PL1-2, LM4-5 (ALL - 5734-PL3)

This publication is the primary source of information on the language implemented by the PS PL/I Optimizing and Checkout Compilers. It is a reference manual rather than a tutorial text, and the reader is assumed to have some previous knowledge of PL/I.

The manual contains information on how to write a PL/I source program. For information on how to compile, link-edit, and execute the program, reference should be made to the appropriate programmer's guide.

Manual, 526 pages
 ////5734-PL1,5734-PL2,5734-PL3,5734-LM5,5734-LM4

GC33-0016

DOS PL/I OPTIMIZING COMPILER PROGRAM PRODUCT SPECIFICATIONS
PROGRAM NUMBER 5736-PL1

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.

Two Sheets
 ////5736-PL3,5736-PL1

GC33-0017

DOS PL/I RESIDENT LIBRARY PROGRAM PRODUCT SPECIFICATIONS
PROGRAM PRODUCT 5736-LM4 (5736-PL3)

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.

Single Sheet
 ////5736-PL3,5736-LM4

GC33-0018

DOS PL/I TRANSIENT LIBRARY: PROG. PROD. 5736-LM5 (5736-PL3)
SPECIFICATIONS

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.

Single Sheet
 ////5736-PL3,5736-LM5

SC33-0019

DISK OPERATING SYSTEM/360 PL/I OPTIMIZING COMPILER:
EXECUTION LOGIC PROGRAM NUMBERS 5736-PL1, 5736-LM4,
5736-LM5

This publication describes the object module produced by the DOS PL/I Optimizing Compiler, and explains how the compiled code uses subroutines from the resident and transient libraries of the optimizing compiler.

The topics covered include program initialization, storage management, input/output, error handling, and interlanguage communication. The use of storage dumps for debugging is also explained.

The manual is intended primarily for programmers concerned with maintenance of the compiler and its libraries. It will also be useful for applications programmers who require an understanding of the processes of execution (for example, to link PL/I and Assembler-language routines).

SRL Manual, 284 pages
 ////5736-PL1,5736-LM5,5736-LM4,5736-PL3

SC33-0020

DOS PL/I OPTIMIZING COMPILER: INSTALLATION
PROGRAM NOS. 5736-PL1,LM4,LM5

This publication is primarily for readers who are responsible for the installation of the DCS PL/I Optimizing Compiler, DOS PL/I Resident Library, and DCS PL/I Transient Library. The publication describes how to install the compiler and associated libraries, and provides the storage requirements of the three products.

The reader responsible for installation should already be familiar with the IBM Operating Systems and their job control language.

This publication supplements certain system publications by providing the system-related information which applies particularly to the program products named above.

Manual, 40 pages
 ////5736-PL1

SC33-0021

DOS PL/I OPTIMIZING COMPILER: MESSAGES MANUAL, PROG. PROD. 5736-PL1, 5736-LM5
This manual lists all the messages that may be issued by the DOS PL/I Optimizing Compiler during processing of a PL/I program. Where appropriate, explanations, examples, and suggested programmer responses are included.
Manual, 160 pages
/////

GC33-0022

SYSTEM/360 OS PL/I OPTIMIZING COMPILER PROGRAM PRODUCT SPECIFICATIONS - PROGRAM NUMBER 5734-PL1
The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.
Flyer, 2 sheets
/////5734-PL1

GC33-0023

OS PL/I RESIDENT LIBRARY - PROGRAM PRODUCT SPECIFICATIONS PROGRAM NUMBER 5734-LM4
The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.
Flyer, 1 sheet
/////5734-LM4

GC33-0024

OS PL/I TRANSIENT LIBRARY - PROGRAM PRODUCT SPECIFICATIONS PROGRAM NUMBER 5734-LM5
The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.
Flyer, 1 sheet
/////5734-LM5

SC33-0025

OS PL/I OPTIMIZING COMPILER: EXECUTION LOGIC PROGRAM NOS. 5734-PL1, 5734-LM4 AND 5734-LM5
This publication describes the object module produced by the OS PL/I Optimizing Compiler, and explains how the compiled code uses subroutines from the resident and transient libraries of the optimizing compiler.
The topics covered include program initialization, storage management, input/output, error handling, and interlanguage communication. The use of storage dumps for debugging is also explained.
The manual is intended primarily for programmers concerned with maintenance of the compiler and its libraries. It will also be useful for applications programmers who require an understanding of the processes of execution (for example, to link PL/I and Assembler-language routines).
Systems Library, 364 pages
/////5734-PL1,5734-LM5,5734-LM4,5734-PL3

SC33-0026

OS PL/I OPTIMIZING COMPILER: INSTALLATION - PROGRAM NUMBERS 5734-PL1, 5734-LM4, AND 5734-LM5 NOTE: THESE PRODUCTS ARE ALSO DISTRIBUTED AS COMPLETE PACKAGE 5734-PL3
This publication is intended primarily for programmers responsible for installing the OS PL/I Optimizing Compiler and the associated resident and transient libraries. It gives detailed information on Installation Procedures and Storage Estimates.
Manual, 130 pages
/////5734-PL1,5734-LM4,5734-LM5,5734-PL3

SC33-0027

OPERATING SYSTEM PL/I OPTIMIZING COMPILER: MESSAGES PROG. NOS. 5734-PL1, 5734-LM5
This publication lists all the messages that may be issued by the OS PL/I Optimizing Compiler and the associated transient library during processing of a PL/I program. Both the long and short forms of each message are listed where applicable. The messages are in three groups:

- o Compile-time messages (generated by the compiler during compilation of a PL/I source program)
- o Execution-time messages (generated by the transient library during execution of the compiled program)
- o Prompter messages (generated by the compiler when it is used in a time-sharing environment)

Where appropriate, explanations of the messages and suggested programmer responses are included.
System Reference Library Manual, 220 pages
/////5734-PL1,5734-LM5,5734-PL3

SC33-0029

OS PL/I OPTIMIZING COMPILER: TSO USER'S GUIDE PROG. NOS. 5734-PL1, -LM4, -LM5 (ALL = 5734-PL3)
This book describes how to use the facilities of TSO to create a PL/I program, to compile it using the PL/I Optimizing Compiler, and to execute it. The reader is assumed to be familiar with PL/I but not with TSO. The book contains the definitive description of the PL/I command. It gives sufficient information for a PL/I programmer to start using TSO effectively without reference to any other publications.
Manual, 118 pages
/////5734-PL1,5734-LM4,5734-LM5,5734-PL3

GC33-0030

OS PL/I CHECKOUT COMPILER - PROGRAM PRODUCT SPECIFICATIONS PROGRAM NUMBER 5734-PL2
The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.
Program Product Specifications, 4 sides
/////5734-PL2

SC33-0031

OS PL/I CHECKOUT COMPILER: INSTALLATION - PROGRAM PRODUCTS 5734-PL2 AND 5734-LM5
This publication is intended primarily for programmers responsible for installing the OS PL/I Checkout Compiler and the associated transient library. It is divided into three parts which give detailed information on Installation Procedures and Storage Estimates.
Manual, 72 pages
/////5734-PL2,5734-LM5

SC33-0032

SYSTEM/360 OPERATING SYSTEM PL/I CHECKOUT COMPILER EXECUTION LOGIC MANUAL - PROGRAM NUMBERS 5734-PL2 5734-LM5
The PL/I Checkout Compiler operates in two distinct stages: translation and interpretation. During translation, the original PL/I source program is converted into an intermediate code. During interpretation, this code is interpreted to achieve the effect of object-time execution.
This manual describes those aspects of interpretation which are common to all PL/I programs processed in this way. The topics covered include program initialization; input/output; storage management; error handling; conversational processing; the use of storage dumps for debugging; and interlanguage communication.
The manual is intended primarily for programmers responsible for the maintenance of the compiler and its library. It will also be useful for application programmers who require an understanding of the process of execution.
Manual, 280 pages
/////5734-PL2,5734-LM5

SC33-0033

OS PL/I CHECKOUT COMPILER: TSO USER'S GUIDE - PROGRAM NUMBER 5734-PL2, 5734-LM5
This book describes how to use the facilities of TSO to create a PL/I program, and to debug and execute it using the PL/I Checkout Compiler. The reader is assumed to be familiar with PL/I but not with TSO. The book contains the definitive descriptions of the PLIC command and its subcommands. It gives sufficient information for a PL/I programmer to start using TSO effectively without reference to any other publications.
Manual, 252 pages
/////5734-PL2,5734-LM5

SC33-0034

SYSTEM/360 OPERATING SYSTEM PL/I CHECKOUT COMPILER: MESSAGES MANUAL - PROGRAM NUMBERS 5734-PL2, 5734-LM5
This manual is an essential source of reference for users of the PL/I checkout compiler in either the batch or TSC environment. It describes the components of the messages that can be produced by the compiler when processing a PL/I program. Then it lists each message and provides additional information in many cases.
The messages are divided into two groups -- those that can be produced by the compiler during preprocessing, translation, and interpretation (in conjunction with the PL/I Transient Library), and those that can be produced by the PL/I Prompter when invoking the compiler in a TSC environment.
As users of the PL/I checkout compiler, readers should have an understanding of the information in the PL/I Optimizing and Checkout Compilers Language Reference Manual (SC33-0009), and the PL/I Checkout Compiler Programmer's Guide, (SC33-0007), and also, for TSO users, the manual TSC: PL/I Checkout Compiler (SC33-0033).
Manual, 180 pages
/////5734-PL2,5734-LM5

SC33-0035

DOS PL/I TRANSIENT LIBRARY MESSAGES, PROG. PROD. 5736-LM5
Lists all the messages that may be issued by the DOS PL/I Transient Library during execution of the program compiled by the DOS PL/I optimizing compiler. Where appropriate, explanations, examples, and suggested programmer responses are included.
Manual, 44 pages
/////5736-LM5,5736-PI3

SC33-0037

OS PL/I OPTIMIZING COMPILER: CMS USERS GUIDE - PROGRAM NUMBER 5734-PL1
This manual provides the information required to use the OS PL/I Optimizing Compiler under CMS. Using the OS PL/I Optimizing Compiler under CMS allows PL/I source programs to be compiled, debugged, and executed from a terminal with the maximum efficiency.
The book is intended for all programmers who use the OS PL/I Optimizing Compiler under CMS. It contains a brief tutorial introduction followed by reference data covering:

1. The syntax and options of PLIOPT, the command that

- invokes the OS PL/I Optimizing Compiler.
- The compile-time and execution-time options that can be used with the OS PL/I Optimizing Compiler.
 - The restrictions that apply to PL/I when it is used under CMS.

Manual, 76 pages
 ////5734-PL1,5734-PL3,5734-LM5,5734-LM4

GC33-0046

DOS PL/I OPTIMIZING COMPILER, RESIDENT LIBRARY & TRANSIENT LIBRARY: PROG. PRODS. 5736-PL1, LM4, LM5, DESIGN OBJECTIVES
 The Program Product Design Objectives (PPDO) describe the design objectives and provide the estimated availability date of the subject Program Product.
 Design objectives, 2 pages
 360,370//29/DOS//

SC33-0047

OS PL/I CHECKOUT COMPILER: CMS USER'S GUIDE - PROGRAM NUMBERS: 5734-PL2,5734-LM5
 This book explains, for the users of the Conversational Monitor System (CMS), how to invoke the PL/I Checkout Compiler and use its conversational facilities. The reader is assumed to have a basic knowledge of PL/I and of CMS. The book provides enough information to allow the reader to enter, compile, debug, and execute a straightforward PL/I program under CMS, together with a full description and examples of how to use the interactive debugging facilities of the checkout compiler. It also contains reference data covering:

- The special restrictions and conventions that apply to PL/I when it is compiled by the checkpoint compiler and executed under CMS.
- The syntax of the PLIC and PLICR commands, subcommands, and options.
- The restrictions and conventions that apply to PL/I statements used in immediate mode.

Manual, 204 pages
 ////5734-PL2,5734-LM5

GC33-0048

OS PL/I CHECKOUT COMPILER, VERSION 1 RELEASE 2 MODIFICATION 1: PROGRAM PRODUCT 5734-PL2 DESIGN OBJECTIVES
 The Program Product Design Objectives (PPDO) describe the design objectives and provide the estimated availability date of the subject Program Product.
 Program Product Design Objective, 2 pages
 ////5734-PL2

GC33-0066

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) V1 REL 4, LIC PROG 5740-XX1 (OS/VS), 5746-XX3 (DOS/VS) GENERAL INFORMATION
 This manual introduces the CICS/VS program product primarily to data processing management and to system/application designers. Readers are assumed to have had some experience of computer applications - either in management, programming or operations.

Selected chapters of this manual also serve to introduce CICS/VS to other specific groups of personnel, namely: users of applications to be run under CICS/VS (chapter 2); programmers responsible for coding CICS/VS applications (chapter 3); programmers responsible for installing and preparing a CICS/VS system (chapter 4); and the operations personnel responsible for running a CICS/VS system (chapter 5). A brief introduction to how CICS/VS works is given in chapter 6; a summary of the system requirements for running CICS/VS is given in Appendix A; and a list of terminals and subsystems supported by CICS/VS is given in Appendix B. A summary of the new facilities announced for CICS/VS Version 1, Release 4 is given in Appendix C.
 Note: In this publication, the term VTAM refers exclusively to the program product AC/VTAM, program number 5746-RC3 (for CICS/DOS/VS) or 5735-RC2 (for CICS/OS/VS).

For further information concerning CICS/VS, a list of IBM publications is given.
 Manual, 8 1/2 x 11 inches, 94 pgs, 4/78
 ////5740-XX1,5746-XX3

SC33-0067

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) VERSION 1, RELEASE 4, INTRODUCTION TO LOGIC PROG PROD 5740-XX1 AND 5746-XX3
 An introduction to the internal logic of CICS/VS for use by programming support representatives and others responsible for the maintenance of CICS/VS. Also provides background information for CICS/VS system and application programmers. Chief contents are an introduction to how CICS/VS works and descriptions of all of the modules of CICS/VS. The release 4 edition includes a description of the intersystem communication (ISC) Mechanism.
 Manual, 216 pgs, 5/78
 ////5740-XX1,5746-XX3

SC33-0068

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) VERSION 1 RELEASE 3: SYSTEM/APPLICATION DESIGN GUIDE (LIC PROG 5746-XX3, 5740-XX1)
 Provides the system analyst and system administrator with

guidelines which assist in the design of online applications to run under the control of CICS/VS.
 Manual, 400 pgs, 1/77
 ////5740-XX1,5746-XX3

SC33-0069

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) VERSION 1 RELEASE 3: SYSTEM PROGRAMMERS REFERENCE, PROG PROD 5746-XX3 AND 5740-XX1
 Contains reference and tutorial information for system programmers and system analysts to define, prepare, and maintain CICS/VS system generation and table preparation MACRO instructions.
 The manual should be used in conjunction with the appropriate CICS/VS system programmers guide when generating CICS/VS and when preparing the system tables which describe the environment that CICS/VS is to support.
 Manual, 8 1/2 x 11 inches, 571 pgs, 1/77
 ////5740-XX1,5746-XX3

SC33-0070

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) RELEASE 1.4: SYSTEM PROGRAMMER'S GUIDE (DOS/VS) (5746-XX3)
 Contains information necessary for generating and operating the CICS/DOS/VS product.
 Manual, 222 pgs, 1/77
 ////5746-XX3

SC33-0071

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) RELEASE 1.4: SYSTEM PROGRAMMER'S GUIDE (OS/VS) (5740-XX1)
 Contains information necessary for generating and operating the CICS/OS/VS product.
 Manual, 8 1/2 x 11 inches, 188 pages, 5/77
 ////5740-XX1

SC33-0072

CICS/VS V1 REL 3, IBM 3600 GUIDE (5746-XX3 AND 5740-XX1)
 This publication describes aspects of CICS/VS that apply specially when CICS/VS is used in an SNA environment with the IBM 3600 Finance Communication System.
 The information is intended for CICS/VS system and application programmers, and also for 3600 programmers who wish to write programs that communicate with CICS/VS. The publication describes the various types of logical unit that can be used for communication between CICS/VS and the 3600, and discusses the special programming considerations that may apply.
 The publication presupposes familiarity with CICS/VS and with the 3600.
 Manual, 70 pages, 2/77
 ///3600,3601,3602,3630,3631,3632/5740-XX1,5746-XX3

SC33-0073

CICS/VS V1 R3, IBM 3650 GUIDE (5746-XX3 AND 5740-XX1)
 This publication describes aspects of CICS/VS that apply specially when CICS/VS is used in an SNA environment with the IBM 3650 Retail Store system.
 The information is intended for CICS/VS system and application programmers, and also for 3650 programmers who wish to write programs that communicate with CICS/VS. The publication describes the various types of logical unit that can be used for communication between CICS/VS and the 3650, and discusses the special programming considerations that may apply.
 The publication presupposes familiarity with CICS/VS and with the 3650.
 Manual, 46 pages, 2/77
 ///3650,3651/5740-XX1,5746-XX3

SC33-0074

CICS V1 R3, IBM 3767 AND 3770 GUIDE (5746-XX3 AND 5740-XX1)
 This publication describes aspects of CICS/VS that apply specially when CICS/VS is used in an SNA environment with the IBM 3767 Communication Terminal or the IBM 3770 Data Communication System.
 The information is intended mainly for CICS/VS system and application programmers. The publication describes the various types of logical unit that can be used for communication between CICS/VS application programs and the 3767 or 3770. It describes how these logical units must be defined and discusses the special programming considerations that may apply.
 The publication presupposes familiarity with CICS/VS and with the 3767 or 3770.
 Manual, 44 pages, 2/77
 ///3767,3770,3771,3773,3774,3775,3776,3777/5740-XX1,5746-XX3

SC33-0075

CICS/VS V1 R3: IBM 3790 GUIDE, PROG PROD 5746-XX3, 5740-XX1
 This publication describes aspects of CICS/VS that apply specially when CICS/VS is used with the IBM 3790 Communication System in an SNA environment.
 The information is intended mainly for CICS/VS and 3790 application programmers and CICS/VS system programmers. The publication describes the various types of logical unit that can be used for communication between CICS/VS application

programs and the 3790. It describes how these logical units must be defined and discusses the special programming considerations that may apply.

The publication presupposes familiarity with CICS/VS and the 3790, and some awareness of IBM's Systems Network Architecture (SNA).

Manual, 8 1/2 x 11 inches, 86 pages, 2/77
 ////3790,3791,3760/5740-XX1,5746-XX3

SC33-0077

CICS/VS VERS 1 REL 3, APPLICATION PROGRAMMER'S REFERENCE MANUAL (COMMAND LEVEL), PROG PROD 5746-XX3 AND 5740-XX1

Contains procedural and reference information for assembler, COBOL, and PL/I application programmers needing to prepare programs using CICS/VS commands. The programs are translated by command language translators and use the Exec Interface Program (DFHEIP) to obtain the required CICS/VS services.

Manual, 450 pages, 6/78
 ////5740-XX1,5746-XX3

SC33-0079

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) VERSION 1 RELEASE 3: APPLICATION PROGRAMMER'S REFERENCE (MACRO LEVEL) (PROG PROD 5740-XX1 AND 5746-XX3)

Contains information necessary to design and prepare application programs to execute under either CICS/DOS/VS or CICS/OS/VS. Intended mainly for programming at the macro level.

Manual, 620 pgs, 1/77
 ////5740-XX1,5746-XX3

SC33-0080

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) VERSION 1 RELEASE 3: OPERATOR'S GUIDE, PROG PROD 5746-XX3 AND 5740-XX1

Intended terminal operators and persons preparing operating procedures for CICS/VS version 1, release 3: describes the transactions supplied with CICS/VS for controlling the system, message switching, and the collection of statistics.

Manual, 136 pgs, 1/77
 ////5740-XX1,5746-XX3

SC33-0081

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) VERSION 1 RELEASE 3: MESSAGES AND CODES (PROG PROD 5746-XX3 AND 5740-XX1)

Explanations of all messages unique to CICS/VS version 1, release 3, for use by terminal operators, system programmers, and application programmers.

Manual, 216 pgs, 1/77
 ////5740-XX1,5746-XX3

SC33-0082

CICS/VS V1 R3 SUBSET USER'S GUIDE, DOS/VS PROG PROD 5746-XX3

This publication explains how to use the CICS/DOS/VS subset option. Its purpose is to guide the user in the initial installation and use of CICS/VS applications. A basic knowledge of DOS batch processing and COBOL is assumed.

Manual, 344 pages, 2/77
 ////5746-XX3

GC33-0084

CICS/DOS/VS V1 REL 3 SPECIFICATIONS, PROG PROD 5746-XX3

The Program Product Specification (PPS) describe the warranted specifications of the subject program product.

Manual, 8 1/2 x 11 inches, 20 pgs, 4/77
 ////5746-XX3

SC33-0085

CICS/VS V 1, R 4 APPLICATION PROGRAMMER'S REFERENCE MANUAL (RPG II), 5746-XX3

Contains procedural and reference information for RPG II application programmers needing to prepare programs using CICS/VS commands. The programs are translated by a command language translator and use the Exec Interface Program (DFHEIP) to obtain the required CICS/VS services.

Manual, 420 pages, 6/78
 ////5746-XX3

SC33-0086

CICS/VS VER 1 REL 4 ENTRY LEVEL SYSTEM USER'S GUIDE (DOS/VS)
 This manual contains both system programming and application programming information for CICS/DOS/VS-ELS, a subset of CICS/DOS/VS.

The purpose of the manual is to provide all of the information normally needed to design, install, and run an entry level system, and to write and run CICS/DOS/VS-ELS Application Programs.

The reader is assumed to have a basic knowledge of DOS/VS Batch Programming and some experience in one of the four languages supported (Assembler Language, COBOL, PL/I, RPG II).

Manual, 298 pages, 6/78
 ////5746-XX3

GC33-0087

CICS/OS/VS V1 R3: PROG PROD 5740-XX1, SPECIFICATIONS
 The Program Product Specification (PPS) describe the warranted specifications of the subject program product.
 Flyer, 9 1/2 x 11 inches, 22 pgs, 5/77
 ////5740-XX1

SC33-0089

CICS/VS VER 1 REL 4 PROBLEM DETERMINATION GUIDE, LIC PROG 5740-XX1 (CICS/OS/VS), 5746-XX3 (CICS/DOS/VS)

The purpose of this manual is to help IBM customer engineers and customer system programmers in the debugging of problems that might be related to CICS/VS, to the way in which CICS/VS is used, or to the coding of application programs that run under CICS/VS. Part 1 (Approach to Problem Determination) is intended for the newcomer to CICS/VS problem debugging. Part 2 deals with aids to problem determination (such as trace and dump). Part 3 summarizes CICS/VS operation. Part 4 describes interfaces with other access methods. Appendixes cover APAR documentation and common user errors. (The previous edition of the CICS/VS Problem Determination Guide had the Form No. SY33-6030.)

Manual, 6/78
 ////5740-XX1,5746-XX3

GC33-2004

1401/1440/1460/DOS EMULATOR ON MODELS 135/145/155 REFERENCE MANUAL - PROGRAM NUMBER 370N-EU-490

This publication describes the 1401/1440/1460 Emulator Program, an "integrated emulator" program executed under control of DOS. It is a multi-purpose document covering several topics related to the emulator. Included is information about Physical Planning, generation and execution of the emulator, data processing, and what is emulated and what is not. The difference between the emulator and the 1400 series program is also explained as well as how to communicate with it. Charts, tables and a glossary are included.

Manual, 125 pages
 370//35/DOS/1440,1240,1450,1401,1460/

GC33-2005

1410/7010 DCS EMULATOR ON MODELS 145/155 REFERENCE MANUAL PROGRAM NUMBER 370N-EU-490

This publication describes the 1410/7010 Emulator Program, and "integrated emulator" program executed under control of DOS. It is a multi-purpose document covering several topics related to the emulator. Included is information about Physical Planning, considerations, data processing, generation, execution and communications with the emulator.

Manual, 106 pages
 370//35/DOS/1410,7010/

GC33-2006

MODEL 20 DOS EMULATOR ON SYSTEM/370 REFERENCE (370N-IC-002)

This publication provides information about the System/360 Model 20 Emulator Program for the System/370 Models 135 and 125. The emulator program is executed as a problem program under control of DOS (version 4) on the IEM Compatibility Feature #7520. Using the emulator program and the compatibility feature, the System/370 Model 135 or 125 can execute Model 20 Data Processing System.

It also provides information about Device Independence, the ability to execute Model 20 unit record operations using the System/370 tape and disk units.

Manual, 74 pages
 3115,3135,3125//35/DCS/2020/

GC33-2008

1401/1440/1460 OS EMULATOR ON SYSTEM/370 REFERENCE MANUAL PROGRAM NUMBERS 360C-EU-735 AND 5744-AB1

This manual describes the IBM 1401/1440/1460 Emulator Program for the IBM System/370 Models 135/145/155/155 IL/158 and provides the information needed to use the program. The emulator program runs as a problem program under the OS/MFT, OS/MVT, OS/VS1, and OS/VS2 control programs and executes programs written for the IEM 1401, 1440, and 1460 Data Processing Systems (the Model 135 must be equipped with IEM Compatibility Feature #4457; the Model 145 with IEM Compatibility Feature #4457 or 4458; the Model 155 with IEM Compatibility Feature #3950). Note that CS/MVT and CS/VS2 do not run on the Model 135. In addition, this manual describes the 1401/1440/1460 simulator, which enables 1401/1440/1460 programs to be executed on System/370 Models 135 through 168 under the control of OS/VS1 and OS/VS2, without the need for the compatibility feature (the functions of the compatibility feature are performed by simulator routines).

Also described in this manual are three programs that are distributed with the emulator, the tape preprocessor program, the tape postprocessor program, and the disk formatting program. These programs handle compatibility between 1401/1440/1460 data formats for tape and disk.

The manual contains information for system planners and programmers on how to plan, generate, use, and modify the emulator; for programmers on how to process 1401/1440/1460 data and execute the emulator; and for operators on how to communicate with the emulator. All messages issued by the emulator and the data manipulation programs are included as an appendix.

Programmers and planners should be familiar with the IBM 1401/1440/1460 Data Processing Systems and with the appropriate OS control program.
Manual
370//35//1401,1440,1460/

emulator; for programmers on how to process 1410/7010 data and execute the emulator, and for operators on how to communicate with the emulator. All messages issued by the emulator and the data manipulation programs are included as an appendix.

Programmers and planners should be familiar with the IBM 1410/7010 Data Processing Systems and with the appropriate OS control program.
Manual, 152 pages
/////5744-AG1

GC33-2010

MODEL 20 EMULATOR ON SYSTEM/370 USING DOS AND DOS/VS PLANNING - PROG. NO. 360N-IC-002; COMPONENT NO. 5745-SC-E20

This publication provides planning information about the System/360 Model 20 Emulator Program for the System/370 Models 135, 125, and 115. The emulator program is executed as a problem program under control of DOS or DOS/VS on a System/370 Model 135, 125, or 115 equipped with the IBM Compatibility Feature Number 7520. Using the emulator program and the compatibility feature, the System/370 Model 135, 125, or 115 can execute programs written for the System/360 Model 20 Data Processing System.

It also provides planning information about Device Independence, the ability to execute Model 20 unit record operations using the System/370 tape and disk units, and the Data Interchange program that creates DOS disk files from Disk Programming System files, or the reverse.

The information in this publication is intended for installation personnel responsible for selecting, evaluating, and implementing System/370 Model 135, 125, or 115 configurations.

Manual, 22 pages
3115,3135,3125//35//2020/

GC33-2020

DOS TO OS EMULATOR - REFERENCE PROGRAM NUMBER 360C-EU-738

The DOS Emulator Program executes under CS/MFT and OS/MVT. It enables DCS programs to execute in an OS environment. The emulator may be multiprogrammed with other OS jobs, and it can run the multiprogramming options of DCS.

This publication provides information for programmers and operators to help them code and run DCS jobs with the emulator. Emulator operation, requirements, facilities and messages are described, and sample jobstreams are provided.

It is assumed that readers of this publication are familiar with DOS and OS/MFT or OS/MVT. Note: DOS to OS Emulator-Reference, GC26-3777 is now obsolete.

Manual
3155,3145,3135,3158//35/DOS//

GC33-2021

1401/1440/1460 OS/MFT AND OS/MVT EMULATOR ON SYSTEM/370 (360S-EU-735) REFERENCE

This manual describes the IBM 1401/1440/1460 Emulator Program for the IBM System/370 Models 135/145/155, and provides the information needed to use the program. The emulator program runs as a problem program under the CS/MFT and OS/MVT control programs and executes programs written for the IBM 1401, 1440, and 1460 Data Processing System (the Model 135 must be equipped with the IBM Compatibility Feature #4457; the Model 145 with IBM Compatibility Feature #4457 or #4458; the Model 155 with IBM Compatibility Feature #3950).

Also described in this manual are three programs that are distributed with the emulator - the tape preprocessor program, the tape postprocessor program, the disk formatting program. These programs handle compatibility between 1401/1440/1460 data formats and System/370 data formats for tape and disk.

The manual contains information for system planners and programmers on how to plan, generate, use, and modify the emulator; for programmers on how to process 1401/1440/1460 data and execute the emulator; and for operators on how to communicate with the emulator. All messages issued by the emulator; and for operators on how to communicate with the emulator. All messages issued by the emulator and the data manipulation programs are included as an appendix.

Programmers and planners should be familiar with the IBM 1401/1440/1460 Data Processing Systems and with the appropriate OS control program.

Manual, 152 pages
3138,3148,3155,3145,3135,3158//35/OS,OTSC,CASP/1401,1440,1460/

GC33-2022

1410/7010 CS/MFT AND OS/MVT EMULATOR ON SYSTEM/370 - REFERENCE, PROG. NO. 360C-EU-736

This manual describes the IBM 1410/7010 Emulator program for the IBM System/370 Models 145/155/155-II/158, and provides the information needed to use the program. The emulator program runs as a problem program under CS/MFT and OS/MVT control programs and executes programs written for the IBM 1410 and 7010 Data Processing Systems (the Model 145 must be equipped with IBM Compatibility Feature #4457 or #4458, the Model 155 with IBM Compatibility Feature #3950).

Also described in this manual are three programs that are distributed with the emulator - the tape preprocessor program, the tape postprocessor program, and the disk formatting program. These programs handle compatibility between 1410/7010 data formats and System/370 data formats for tape and disk.

The manual contains information for system planners and programmers on how to plan, generate, use, and modify the emulator, for programmers on how to process 1410/7010 data and execute the emulator, and for operators on how to communicate with the emulator. All messages issued by the emulator and the data manipulation programs are included as an appendix.

Programmers and planners should be familiar with the IBM 1410/7010 Data Processing Systems and with the appropriate OS control program.

Manual, 152 pages
3155,3145,3158//35/OS,OTSO,CASP/1410,7010/

GC33-4010

OS/VS, DOS/VS, AND VM/370 ASSEMBLER LANGUAGE

Provides the information necessary for programmers responsible for designing and writing programs in either the OS/VS or DOS/VS assembler language, and for programmers running their assembler program under VM/370.

The assembler language is a symbolic programming language which allows the use of alphabetic and numeric characters to represent machine instructions and related data. Using symbolic language instead of the binary is

GC33-2017

DOS TO OS/VS EMULATOR - REFERENCE, PROG. NO. 5744-AS1

The DOS Emulator Program executes under OS/VS1 and OS/VS2. It enables DOS or DOS/VS programs to execute in an OS/VS environment. The emulator may be multiprogrammed with other OS/VS jobs, and it can run the multiprogramming options of DOS and DOS/VS.

This publication provides information for programmers and operators to help them code and run DOS and DOS/VS jobs with the emulator. Emulator operation, requirements, facilities and messages are described, and sample jobstreams are provided.

It is assumed that readers of this publication are familiar with OS/VS and DOS or DOS/VS. DOS to OS Emulator - Reference, GC26-3777 is now obsolete.

Manual
/////5744-AS1

GC33-2018

1401/1440/1460 OS/VS EMULATOR ON SYSTEM/370 - REFERENCE (5744-AH1)

This manual describes the IBM 1401/1440/1460 Emulator Program for the IBM System/370 Models 135/145/155/155-II/158, and provides the information needed to use the program. The emulator program runs as a problem program under the OS/VS1 and OS/VS2 control programs and executes programs written for the IBM 1401, 1440, and 1460 Data Processing Systems (the Model 135 must be equipped with IBM Compatibility Feature #4457 or #4458; Model 145 with IBM Compatibility Feature #3950). In addition, this manual describes the 1401/1440/1460 programs to be executed on System/370 Models 135 through 168 under the control of OS/VS1 and OS/VS2, without the need for the compatibility feature (the functions of the compatibility feature are performed by simulator routines).

Also described in this manual are three programs that are distributed with the emulator - the tape preprocessor program, the tape postprocessor program, the disk formatting program. These programs handle compatibility between 1401/1440/1460 data formats and System/370 data formats for tape and disk.

The manual contains information for system planners and programmers on how to plan, generate, use, and modify the emulator; for programmers on how to process 1401/1440/1460 data and execute the emulator; and for operators on how to communicate with the emulator. All messages issued by the emulator and the data manipulation programs are included as an appendix.

Programmers and planners should be familiar with the IBM 1401/1440/1460 Data Processing Systems and with the appropriate OS control program.
Manual, 156 pages
/////5744-AH1

GC33-2019

1410/7010 OS/VS EMULATOR ON SYSTEM/370, REFERENCE - PROG. NO. 5744-AG1

This manual describes the IBM 1410/7010 Emulator program for the IBM System/370 Models 145/155/155-II/158, and provides the information needed to use the program. The emulator program runs as a problem program under the OS/VS1 and OS/VS2 control programs and executes programs written for the IBM 1410 and 7010 Data Processing Systems (the Model 155 with IBM Compatibility Feature #3950).

Also described in this manual are three programs that are distributed with the Emulator - the tape preprocessor program, the tape postprocessor program, and the disk formatting program. These programs handle compatibility between 1410/7010 data formats and System/370 data formats for tape and disk.

The manual contains information for system planners and programmers on how to plan, generate, use, and modify the

and Os required when coding in machine language makes coding easier to write, understand, and change. The assembler can process a program written in assembler language to produce output in machine language suitable for link editing and subsequent execution.

The book is divided into four parts:

- Part I. Coding and Structure
- Part II. Function and Coding of Machine Instructions
- Part III. Functions of Assembler Instructions
- Part IV. The Macro Facility

The first part describes the statements, character set, terms, literals, and expressions that make up the assembler language, and give the rules and conventions for writing code. The second part describes the alignment, statement formats, mnemonic operations codes, and operand entries of machine instructions. The third part describes the assembler instructions used for program sectioning, addressing, symbol and data definition, and controlling the assembler. Finally, the fourth part gives an introduction to the macro facility for beginners, and then describes the macro definition, the macro instruction, and the conditional assembly language, a language that can alter the contents and sequence of the output produced by the assembler.

Manual, 468 pages
//21///5741,5745-020,5745-010,5749,5752

GC33-4015

IBM SYSTEM/370 MODEL 155 SORT/MERGE TIMING ESTIMATES PLANNING GUIDE
PROGRAM NUMBER 360S-SM-023

This publication gives estimated execution times of the sort/merge program (360S-SM-023) on the IBM System/370 Model 155 Central Processing Unit. Times are shown for sorting applications using various main-storage sizes and record lengths. The assumptions made in calculating the timing estimates are described.

Manual, 28 pages
3155//33/OS,OTSO,OASP//

GC33-4017

IBM SYSTEM/360 DOS SORT MERGE DESIGN OBJECTIVES
PROG. NO. 5743-SM1

The Program Product Design Objectives (PPDO) describe the design objectives and provide the estimated availability date of the subject Program Product.

Program Product Design Objectives, 2 pages
360,370//33/DOS//

SC33-4018

DOS SORT/MERGE PROGRAMMER'S GUIDE - PROGRAM NUMBER 5743-SM1

This manual enables a programmer to prepare input to perform a sort or merge using program product 5743-XM1, and to link to the program his own assembler-language routines to perform such tasks as summarizing, altering, inserting or deleting records. Specifically, it describes:

- o Program Organization
- o Environmental requirements
- o Label processing
- o Control statements
- o Program Modification
- o Linking to user routines
- o Efficiency considerations
- o Storage requirements
- o Program initiation
- o Compatibility/conversion aids

It also lists messages produced by the program, and describes the appropriate responses.

The user should have a good understanding of the Disk Operating System and its job control language.

Manual, 134 pages
////5743-SM1

GC33-4020

IBM SYSTEM/360 DISK OPERATING SYSTEM SORT/MERGE GENERAL INFORMATION, PROGRAM NUMBER 5743-SM1

This publication provides general information about the IBM System/360 Disk Operating System Sort/Merge Program Product. It describes:

- o Program Organization
- o Control Statement Formats
- o User Exit Facilities
- o Label Handling Requirements
- o Program Performance Characteristics

Program Product Manual, 20 pages
////5743-SM1

GC33-4021

OS/VS, VM/370 ASSEMBLER PROGRAMMER'S GUIDE

This manual complements OS/VS - DOS/VS - VM/370 Assembler Language, Order No. GC33-4010. It is intended for the programmer writing assembler language programs to be run under OS/VS and/or VM/370. The manual contains the following major sections:

- o Job control statements to run the assembler
- o Including macro definitions in a library
- o Interpreting the assembler listing
- o Programming considerations
- o Assembler language programming under CMS

Other topics, covered in appendices, are assembler data set requirements, the object module produced

by the assembler, invoking the assembler dynamically, and the assembler error messages. Prerequisite reading is Introduction to OS, VM/370 introduction, and OS/VS DOS/VS - VM/370 Assembler Language.

Manual, 168 pages
//21///5741

SC33-4023

DOS SORT/MERGE INSTALLATION REFERENCE MANUAL
PROGRAM NUMBER 5743-SM1

This manual provides the information necessary to install and test program number 5743-SM1:

- a) Hardware requirements
- b) Installation procedures, including a list of the relocatable modules and an explanation of the use of the calling books
- c) Sample problems: how to use them, and what they do.

The user should have a good understanding of the Disk Operating System and of DOS and TOS assembler language.

Manual, 52 pages
////5743-SM1

GC33-4024

GUIDE TO THE DOS/VS ASSEMBLER
GUIDE TO THE DOS/VS ASSEMBLER

maintain the macro and copy libraries. It explains in detail how the de-editor program (ESERV) works and how it can be used to de-edit and update macros simultaneously. Other sections explain the use of Job Control Language (JCL) statements associated with DOS/VS, how to interpret DOS/VS listings, object deck output, and data files. All assembler and de-editor diagnostic messages are listed and explained.

Typical users of this manual are programmers responsible for JCL and the maintenance of the DOS/VS system data files; and PDS and CES or system programmers who want information on maintaining files and using the ESERV program.

The level of knowledge required for efficient use of this manual is an understanding of DOS/VS assembler language as described in OS/VS and DOS/VS Assembler Language, Order No. GC33-4010.

Manual, 124 pages
//21///5745-020

GC33-4025

DOS/VS SORT/MERGE SPECIFICATIONS - PROGRAM NUMBER 5746-SM1

Describes briefly the functions and capabilities of the DOS/VS Sort/Merge Program Product (Program Number 5746-SM1). It lists the programming systems under which the program runs its system requirements, its new features, its programming service classification, the reference material, and its compatibility with other sort/merge programs.

Information Sheet, 2 pages
////5746-SM1

SC33-4026

DOS/VS SORT/MERGE INSTALLATION REFERENCE MANUAL
PROG. PROD. 5746-SM1

For use by programmers familiar with DOS/VS. Provides DOS/VS information necessary to install Sort/Merge and run sample programs.

Manual, 48 pages
////5746-SM1

GC33-4027

DOS/VS SORT/MERGE DESIGN OBJECTIVES - PROGRAM PRODUCT 5746-SM1

The Program Product Design Objectives (PPDO) describe the design objectives and provide the estimated availability date of the subject Program Product.

Flyer, 1 page
////5746-SM1

SC33-4028

DOS/VS SORT/MERGE PROGRAMMER'S GUIDE - PROGRAM PRODUCT 5746-SM1

This manual is for programmers familiar with DOS/VS. It provides them with descriptions of sort/merge control statements and DOS/VS Job Control statements sufficient to allow them to prepare a Sort/Merge application. It also describes other options of sort/merge programs.

Manual, 188 pages
////5746-SM1

SC33-4029

OS TSO ASSEMBLER PROMPTER INSTALLATION REFERENCE MANUAL
PROGRAM NUMBER 5734-CP2

This publication contains information about the installation and operation of the TSO Assembler Prompter. It is intended for personnel responsible for installing and maintaining the prompter.

The TSO Assembler Prompter is a program product which provides TSO users with a convenient method of invoking the assembler. It operates only in the TSO foreground and consists of a TSO command processor which constructs the parameter list for the appropriate assembler (OS/MVT or OS/VS), invokes the assembler in the system, and passes the necessary data to it.

The main part of this publication is divided into three sections:

- Storage Requirements

Installation Procedure
System Information

Prerequisite Publications

Readers are assumed to be familiar with the information in these publications:

OS/MVT: Utilities, Order No. GC28-6586
JCL Reference, Order No. GC28-6704

OS/VS: Utilities, Order No. GC35-0005
JCL Reference, Order No. GC28-0618

Related Publication:

OS TSO Assembler Prompter User's Guide, Order No. SC26-3740
Manual, 24 pages
/////5734-CP2

GC33-4030

DOS/VS SORT/MERGE GENERAL INFORMATION - PROGRAM NUMBER 5746-SM1

This manual gives general information for use in planning the installation and use of the Program Product DOS/VS Sort/Merge.
Manual, 32 pages
/////5746-SM1

GC33-4031

OS/VS SORT/MERGE PROGRAM PRODUCT 5740-SM1 DESIGN OBJECTIVES

This document gives the design objectives for the OS/VS Sort/Merge program, which is upward compatible with the OS Sort/Merge program 5734-XM1 except that the minimum main storage requirement is increased to 32K (higher if VSAM data sets are to be used) and that the 2301 and 2311 device cannot be used. OS/VS Sort/Merge has new features and functions, and is designed to operate efficiently in the VS environment. It incorporates an entirely new, high-performance sorting technique, and is alone in supporting the 3330/3333 Model II and 3340 direct access devices.
Design Objectives, 2 pages
/////5740-SM1

GC33-4032

OS/VS SORT/MERGE: PROG. PROD. 5740-SM1 SPECIFICATIONS

Provides a specification to the characteristics and program service classification of the Program Product OS/VS Sort/Merge.
Flyer, 2 pages
/////5740-SM1

GC33-4033

OS/VS SORT/MERGE GENERAL INFORMATION - PROGRAM PRODUCT 5740-SM1

Gives general information for use in planning the installation and use of the Program Product OS/VS Sort/Merge.
Manual, 44 pages
/////5740-SM1

SC33-4034

OS/VS SORT/MERGE INSTALLATION REFERENCE MANUAL - PROG. PROD. 5740-SM1

Describes how to generate the OS/VS Sort/Merge Program Product and include in it the current operating system. Includes generation messages and storage requirements.
Manual, 40 pages
/////5740-SM1

SC33-4035

OS/VS SORT/MERGE PROGRAMMER'S GUIDE PROGRAM PRODUCT 5740-SM1

Supplies the information needed to use the installed program, including how to prepare control statements, how to calculate storage requirements, and how to use the program exits. Gives examples of control statements and of routines at program exits.
Manual, 176 pages
/////5740-SM1

GC33-4036

DOS SORT/MERGE FUNCTIONAL DESCRIPTION, PROG PROD 5743-SM1

Provides a functional description of the characteristics and program service classification of the Program Product DOS Sort/Merge, 5743-SM1.
Flyer, 2 pages
/////5743-SM1

GC33-4038

OS TSO ASSEMBLER PROMPTER FUNCTIONAL DESCRIPTION, PROG PROD 5734-CP2

Provides a functional description of the characteristics and program service classification of the program product OS TSO Assembler Prompter, 5734-CP2.
Manual, 2 pages
/////5734-CP2

GC33-4039

OS ASSEMBLER H PROGRAM PRODUCT FUNCTIONAL DESCRIPTION, PROG PROD 5734-AS1

Provides a functional description of the characteristics and program service classification of the program product OS Assembler H, 5734-AS1.
Flyer, 2 pages
/////5734-AS1

GC33-4042

DOS/VS SORT/MERGE VERSION 2, PROG PROD 5746-SM2 DESIGN OBJECTIVES

This document describes the Design Objectives of the IBM DOS/VS Sort/Merge Version 2 Program Product, 5746-SM2, providing a disk sort which runs under the control of DCS/VS Release 33 and subsequent releases unless otherwise identified. A minimum of 32K bytes of virtual storage is required to run the program.

The program sorts records from up to nine input files, using direct access devices as work areas, and can merge up to nine presorted files.
Flyer, 8 1/2 x 11 inches, 2 pages, 1/78
/////5746-SM2

GC33-4043

DOS/VS SORT/MERGE V2 GENERAL INFORMATION, PROG PROD 5746-SM2

This publication describes in general terms the DOS/VS Sort/Merge Version 2 Program Product, 5746-SM2, and gives the information needed to plan for its installation.

Chapter 1 describes the features of the program, and provides a comparison with Sort/Merge Program Product, 5746-SM1.

Chapter 2 describes the program's input and output in terms of files, record types and lengths, control fields, and collating sequences.

Chapter 3 outlines how the program is used in terms of control statements, initiation, program exits, and label handling.

Chapter 4 gives system requirements, and outlines the installation procedure.

Chapter 5 discusses performance, and Chapter 6 gives an overview of compatibility and conversion considerations. The reader is assumed to be familiar with the concepts and facilities of DOS/VS.

Manual, 8 1/2 x 11 inches, 40 pgs, 6/77
/////5746-SM2

SC33-4044

DOS/VS SORT/MERGE V2 PROGRAMMER'S GUIDE, PROG PROD 5746-SM2

For use by programmers who wish to sort or merge records. The manual shows how to prepare all the input necessary to perform a sort or merge and how to link user routines to the sort or merge programs.

Manual, 8 1/2 x 11 inches, 200 pgs, 4/77
/////5746-SM2

SC33-4045

DOS/VS SORT/MERGE V2 INSTALLATION REFERENCE, PROG PROD 5746-SM2

For use by programmers familiar with DOS/VS. Provides DOS/VS information necessary to install Sort/Merge and run sample programs.

Manual, 8 1/2 x 11 inches, 28 pgs, 4/77
/////5746-SM2

GC33-4047

DOS/VS SORT/MERGE V2 PROG PROD 5746-SM2, SPECIFICATIONS

This document provides specifications for the IBM DOS/VS Sort/Merge Version 2 Program Product, 5746-SM2, which provides a disk sort which runs under the control of DOS/VS Release 33 and subsequent releases unless otherwise identified. A minimum of 32K bytes of virtual storage is required to run the program.

The program sorts records from up to nine input files, using direct access devices as work areas, and can merge up to nine presorted files.

Flyer, 8 1/2 x 11 inches, 2 pgs, 5/77
/////5746-SM2

GC33-5004

SYSTEM/360 DCS PLANNING GUIDE FOR PROGRAMMING THE 3330 DIRECT ACCESS STORAGE FACILITY

This publication is a planning guide for programmers, programming managers, and systems analysts who are intending to use an IBM System/370 configuration with the IBM 3330 Direct Access Storage Facility under the Disk Operating System.

The information in this document is divided into the following three sections:

- o An introduction that explains the functions of the IBM 3330 DASF supported by the Disk Operating System
- o A section explaining the changes to DOS IOCS to support the 3330 DASF
- o A section describing the changes required to other programming components

This publication explains only the changes to current DCS IOCS, which is described in full in IBM System/360 Disk

Operating System, Supervisor and Input/Output Macros (GC24-5037).
Planning Guide, 8 pages
360,370//30/DOS/3330/

GC33-5007

SYSTEM/370 DISK OPERATING SYSTEM VERSION 4 - MANUAL
This manual, DOS Version 4, contains information required by installation managers, systems programmers, applications programmers, and operators who work with DOS Version 4 on an IBM System/370 Model 135, 145, or 155. The manual contains update information to the existing DOS library. The manuals that are updated are:

DOS System Control and Service, GC24-5036
DOS Data Management Concepts, GC24-3025
DOS Supervisor and I/O Macros, GC24-5037
DOS Operating Guide, GC24-5022
DOS and TOS Utility Programs, GC24-3465
DOS and TDS Assembler Language, GC24-3414
System Reference Manual, 155 pages
370//20/DOS//

GC33-5008

DOS VERSION 4 SYSTEM GENERATION
This reference publication describes the planning and the procedures necessary to generate and to maintain an installation-tailored IBM Disk Operating System (DOS) that provides support for IBM-supplied DOS programs you desire, as well as for your own programs. The major topics discussed are:

- o Planning the installation-tailored DOS supervisor
- o Planning the installation-tailored DOS operational pack(s)
- o Procedures for generating and for maintaining the DOS system
- o Sample problems for testing the IBM-supplied DOS programs

The information in this publication is of particular interest to anyone responsible for the planning and/or implementation of system generation and maintenance for DOS. This includes installation managers, system analysts, programmers, and machine operators.
System Library Manual, 428 pages
370//34/DOS//

GC33-5009

DOS VERSION 4 MESSAGES, PROG. NO. 37DN-CL-453
This reference publication provides quick access information for operators and programmers who encounter DOS messages and use DOS commands and job control language.

- This publication does not include:
- o Any message issued by IBM Program Products.
 - o Any language message issued during compilation or assembly.
 - o RPG messages.
 - o OLTEP messages.
 - o Emulator messages.

For detailed DOS operating information, see the companion publication, DOS Operating Guide, GC24-5022. For a list of associated publications, refer to the IBM System/360 and System/370 Bibliography, GA22-6822.
Manual, 360 pages
370//40/DOS//

GC33-5370

INTRODUCTION TO DOS/VSE
Provides a general summary of the IBM Disk Operating System Virtual Storage Extended (DOS/VSE). The purpose is to introduce new users of the operating system to its operational concepts and to discuss, on a general level, the major computing services the operating system provides. For users familiar with DOS or DOS/VSE, the publication includes a summary of the abilities and functions newly available for use at a DOS/VSE controlled installation. In addition, the publication contains an overview of separately available programming support, licensed or nonlicensed, as an aid for planning an operational DOS/VSE; not included in that overview are IBM supplied application programs.

An overview of available DOS/VSE publications (in the form of a reading guide) is also included.
Manual, 8 1/2 x 11, 136 pages, 2/78
//20///5745-020

GC33-5371

DOS/VSE SYSTEM MANAGEMENT GUIDE
This manual is a guide to the IBM Disk Operating System/Virtual Storage Extended (DOS/VSE). The system in its entirety is discussed on a conceptual and functional level. System Management refers not only to the way DOS/VSE is organized, but also to the way the user can efficiently manage the system facilities at his disposal. This manual, therefore, does more than describe the functions and interaction of the system control and system service programs that constitute DOS/VSE. It also describes how the system planner, systems programmer, and applications programmer, or operator can use DOS/VSE to your best advantage.
Manual, 8 1/2 x 11 inches, 276 pages, 2/79
//34///5745-020

GC33-5372

DOS/VSE DATA MANAGEMENT GUIDE
Provides conceptual and functional information about the data management facilities offered by DOS/VSE. These facilities concern primary items such as record design, file organization, and file processing, as well as secondary items like file labeling, data security, data integrity, and symbolic device names.

The intended audience is a systems designer who has to decide on a certain type of file organization and a method of file maintenance for a given application, and an application programmer who needs general background information about the access methods he will use in his programs. Prerequisite publication: Introduction to DOS/VSE, GC33-5370.
Manual, 300 pages
//30///

GC33-5373

DOS/VSE SUPERVISOR AND I/O MACROS

This publication is for the programmer planning to use the DOS/VSE Input/Output Control System macro instructions and supervisor macro instructions. These macro instructions can be combined with problem programs to produce generalized or specific file processing programs. The major subjects describe the macro types and their usage, label processing; the IOCS macros for the various access methods (SAM, DAM, ISAM, and VSAM); physical IOCS, supervisor, multitasking, program linkage, and other miscellaneous macros.
Manual, 420 pages
//30///

GC33-5374

DOS/VSE TAPE LABELS

The types of labels that may be written on magnetic tape by DOS/VSE are defined and described in this reference manual. The processing performed by the system, and the described. The processing of standard, user-standard and specifications that the user must supply to the system, are nonstandard labels, and unlabelled files, is explained, primarily in regard to the functions performed for volume, header, and trailer labels when the user gives specifications directly to IOCS through DTF entries.

Illustrations of volume layouts depict the various arrangements of labels and data records that can be handled by the four programming systems. For a thorough understanding of this manual, the reader should have a basic knowledge of the Input/Output Control Systems (IOCS).

The manuals providing this information are: DOS/VSE Data Management Guide, GC33-5372, and DOS/VSE Supervisor and I/O Macros, GC33-5373.
Manual, 8 1/2 x 11 inches, 58 pages, 2/79
//30///5745-020

GC33-5375

DOS/VSE DASD LABELS

The types of labels that may be written on magnetic disks by DOS/VSE are defined and described in this reference manual. The processing performed by the system, and the specifications that the user must supply to the system, are described. The processing of standard and user-standard labels is explained primarily for SAM, DAM, and diskette files.

Illustrations of volume layouts depict the various arrangements of labels and data records that can be handled by the programming systems.

This publication is divided into four major chapters: Introduction, Label Processing, Label Fields, and Glossary.
Manual, 8 1/2 x 11 inches, 108 pages, 2/79
//30///5745-020

GC33-5376

DOS/VSE SYSTEM CONTROL STATEMENTS

This manual is provided for those who need to know about the control statements that relate to the SCP (system control programming) and the VSE/Advanced Functions of DOS/VSE (Disk Operating System/Virtual Storage Extended). The manual consists of the following:

- The sections, Initial Program Load and Job Control, describe these general programs of DOS/VSE. These sections are of interest to anyone using the system, including system analysts, programmers, and operators. Detailed attention routine, job control statement, and job control command formats are given.
- The sections, Linkage Editor and Librarian, are of interest to persons responsible for maintaining the resident system. These sections fully describe the control statements for the linkage editor and librarian programs.
- The section, System Buffer Load (SYSBUFID) Program, is of interest to DOS/VSE users who have an IBM 1403U, 3203, 5203, or PRT1 printer attached to their system. The section describes the purpose of SYSEUPLI and how to use it.

Manual, 248 pages, 2/79
//36///5745-020

GC33-5378

OPERATOR'S LIBRARY DOS/VSE OPERATING PROCEDURES

This manual contains the information required by system operators to run jobs under DOS/VSE. It is intended primarily for system operators who have acquired a basic

knowledge of data processing and computer equipment. The introduction of the manual familiarizes the operator with the major concepts and components of DOS/VSE and provides the basis that is required to understand the subsequent sections of the manual. The section, Procedures, tells the operator how to run jobs under control of DOS/VSE; the procedures are illustrated by examples. The section, Reference Information contains details of all operator commands and job control statements. A glossary defines a number of terms frequently used in a DOS/VSE System Operator's environment.
Manual, 242 pages, 2/79
//40///5745-020

GC33-5379

DOS/VSE MESSAGES

This publication lists and interprets the messages which DOS/VSE issues to the operator and to the programmer. It enables him to decide on the action they have to take in reply to the message received.

Each message is preceded by an identifying number so that it can easily be found in the book. This message of listing also ensures that messages issued by the same programmer are grouped together. Not included are:

- Any language messages, except assembler messages that cause job termination
- System/370
- Any Licensed Program Product messages, except VSE/Advanced Functions.
- OLTEP messages
- Subsystem Support Services messages
- System/370 Emulator messages

These messages can be removed from the application publications and inserted in this manual, if required. A tab is provided for these messages.

Manual, 8 1/2 x 11 inches, 532 pages, 2/79
//40///5745-020

GC33-5380

DOS/VSE SERVICEABILITY AIDS AND DEBUGGING PROCEDURES

The manual provides detailed guide and reference information, including procedures, for isolating the cause of system and program malfunctions by operators and programmers.

The manual recommends when and how to use the IBM supplied serviceability aids, which are programs designed to collect relevant information about malfunctions. It includes examples of storage dump printouts that show how to locate important control blocks in such printouts.

The publication assumes that operators using it are familiar with DOS/VSE Operating Procedures, GC33-5378; programmers using it are familiar with the Principles of Operation manual applicable to their installation; the publication DOS/VSE Messages is always available for quick reference.

///5745-020

GC33-5381

DOS/VSE SYSTEM UTILITIES

This reference publication describes to programmers the use of the IBM DOS/VSE System Utilities. The programs described are:

- Assign Alternate Block
- Assign Alternate Track
- Backup and Restore System
- Surface Analysis
- Clear Disk
- Format Emulated Extent
- Copy and Restore Diskette
- Copy File and Maintain Object Module (OBJMAINT)
- Printer Train Cleaning
- Fast Copy Disk
- Initialize Tape
- Initialize Disk
- Print Hardcopy File (PRINTLOG)
- VTOC Display

Supplementary information is provided for those system utilities that can run in stand-alone mode.

Manual, 8 1/2 x 11 inches, 160 pages, 2/79
//32///5745-020

GC33-5382

DOS/VS ACCESS METHOD SERVICES USER'S GUIDE

This book describes the use of Access Method Services, a group of programs that provide utility functions vital to Virtual Storage Access Method (VSAM). This publication provides all the VSAM information needed to use Access Method Services in order to establish and maintain VSAM files. For complete information about VSAM, see the DOS/VS Data Management Guide.

Manual, 396 pages, 4/77
//30///5745-010

GC33-5383

DOS/VSE OLTEP

This reference publication describes the Disk Operating System (DOS) Online Test Executive Program (OLTEP) that controls online testing of I/O units under the DOS/VS supervisor. It explains the functions of the program and gives procedures for running the test programs which are obtained from the IBM Customer Engineer.

Supplementary information is contained in the following

publications:

- DOS/VS Operating Procedures, GC33-5378
- DOS/VS System Generation, GC33-5377
- DOS/VS Tape Labels, GC33-5374
- DOS/VS DASE Labels, GC33-5375
- DOS/VS Messages, GC33-5379

Manual, 56 pages
//37///5745-020

GC33-5384

1401/1440/1460 DOS/VS EMULATOR ON SYSTEM/370 REFERENCE PROG PROD 5747-CC3

This publication describes the 1401/1440/1460 Emulator Program for the IBM System/370 Models 115, 125, 135, 135-3, 138, 145, 145-3, 148, 155-II, and 158. The emulator program is executed as a problem program under control of the Disk Operating System/Virtual Storage (DOS/VS) on an IBM System/370 equipped with the appropriate compatibility feature. Using the program and the compatibility feature, the System/370 can execute programs written for the IBM 1401, 1440, and 1460 Data Processing Systems.

The information in this publication is intended for installation personnel, programmers, and operators.

Manual, 8 1/2 x 11 inches, 168 pages, 4/77
//35///1401,1440,1460/5745-010

GC33-5385

1410/7010 DOS/VS EMULATOR ON SYSTEM/370 REFERENCE PROG PROD 5747-CC3

This publication describes the IBM 1410/7010 Emulator Program for the IBM System/370. The emulator program is executed as a problem program under control of the Disk Operating System/Virtual Storage on an IBM System/370 equipped with the appropriate compatibility feature. Using the program and the compatibility feature, the System/370 can execute programs written for the IBM 1410 and 7010 Data Processing Systems.

The information in this publication is intended for installation personnel, programmers and operators.

Manual, 128 pages
//35///1410,7010/5745-010

GC33-5388

MODEL 20 DCS/VS EMULATOR ON SYSTEM/370 REFERENCE

This publication describes the program that emulates the System/360 Model 20 on the System/370 Models 115, 125, 135, 135-3, and 138. The emulator program is executed as a problem program under control of the Disk Operating System/Virtual Storage (DCS/VS) on an IBM System/370 equipped with the Compatibility Feature #7520. Using the program and the compatibility feature, the System/370 can execute programs written for the system/360 Model 20.

The information in this publication is intended for installation personnel, programmers, and operators.

Manual, 8 1/2 x 11 inches, 104 pages, 4/77
//35///2020/5745-010

GC33-5402

DOS/VS PLANNING GUIDE FOR PROGRAMMING THE SYSTEM/370 MODEL 115 AND THE IBM 5203 AND 3203 PRINTERS

This publication is a planning guide for programmers, programming managers, and systems analysts who intend to use a System/370 Model 115 and/or a 5203 or 3203 printer. This planning guide is divided in two parts:

- o Part I contains a brief discussion of the DCS/VS support for the Model 115.
- o Part II provides planning information for the 5203 and 3203 printers.

Manual, 20 pages
//34///5203,3203,3115/5745-010

GC33-5405

DOS/VS POWER/VS WITH RJE, SNA GUIDE

This manual contains information for customers who intend to use the Remote Job Entry facilities of POWER/VS with RJE SNA for IBM 3770 Communication Terminal configurations using Synchronous Data Link Control (SDLC). Power/VS with RJE SNA can also be generated to include Remote Jcl Entry support for IBM 2770, 2780, 3741, and 3780 terminals, using the BSC method of communication, as well as for IBM 3770 terminals in 2770/3780 mode. Prerequisite reading material is formed by the following manuals:

- DCS/VS System Management Guide, GC33-5371
- DOS/VS System Control Statements, GC33-5376
- DOS/VS System Generation, GC33-5377
- DOS/VS Operating Procedures, GC33-5378
- DOS/VS Messages, GC33-5379

The guide provides information, additional to that contained in these publications.

Manual, 88 pages, 5/76
/C/36///5745-010

GC33-6029

DOS/VS RFG II, LIC PROG 5746-RG1, SPECIFICATIONS

No abstract available.
Flyer, 2 pages
//5746-RG1

GC33-6030

DOS/VS RPG II GENERAL INFORMATION - PROG PROD 5746-RG1
This publication is an introduction to DOS/VS RPG II. The topics discussed are basic structure, devices supported, basic features, performance, compatibility and the functions of Auto Report.

The manual is intended primarily for persons who need to have an overview of the DOS/VS RPG II program.
Manual, 8 1/2 x 11 inches, 50 pgs, 4/77
/////5746-RG1

SC33-6031

DOS/VS RPG II LANGUAGE, PROG PROD 5746-RG1, SYSTEM LIBRARY
The publication describes RPG II, a problem-oriented language, as implemented for compilation by the DOS/VS RPG II compiler. RPG II uses a set of specification forms on which the user specifies his input data, the calculations to be performed and the desired output. The DOS/VS RPG II compiler uses these specifications to generate a report program. In addition to a description of the language, the manual provides system related information needed to compile an RPG II program, to link-edit that program and to execute it. Debugging aids are also provided. To use this manual, the reader should be familiar with the concepts of the access methods available to users of DOS/VS as discussed in DOS/VS Data Management Guide, GC33-5372.
Manual, 8 1/2 x 11 inches, 424 pgs, 7/77
/////5746-RG1

SC33-6032

DOS/VS RPG II INSTALLATION REFERENCE, LIC PROG 5746-RG1
The publication provides system-related information needed to install DOS/VS RPG II, a licensed program that operates under DOS/VS. The information is presented in separate sections dealing with installation requirements and installation planning and with the installation procedure. The sample programs shipped by IBM with the licensed program are also described in the manual.
Manual, 52 pgs, 5/77
/////5746-RG1

SC33-6033

DOS/VS RPG II MESSAGES, LIC PROG 5746-RG1
This publication lists and interprets the diagnostic messages issued by the DOS/VS RPG II Compiler and Auto Report.
Manual, 8 1/2 x 11 inches, 116 pgs, 5/77
/////5746-RG1

SC33-6034

DOS/VS RPG II AUTO REPORT MANUAL, LIC PROG 5746-RG1
The publication describes the use of Auto Report, which is part of the DOS/VS RPG II Compiler, licensed program 5746-RG1. The Auto Report facility is designed to further simplify the coding of desired calculations and report formats for an RPG program.

The reader of the manual should be able to code RPG II programs that include basic operations such as the proceeding of disk files, listing records on a printer, and doing simple calculations and group totals. A reader lacking this experience may acquire it either by attending an appropriate IBM education course or by reading Introduction to RPG II, GC21-7514.
Manual, 116 pgs, 5/77
/////5746-RG1

SC33-6035

SYSTEM/3 DOS/VS RPG II CONVERSION PREPROCESSOR INSTALLATION AND REFERENCE, PROG PROD 5735-CV1
Provides for System/3 users planning to migrate to DOS/VS the information needed to install and use the System/3 DOS/VS RPG II Conversion Preprocessor. Includes also a list of possible diagnostic messages, the CCP program control flow, and a sample conversion.

Readers of the publication should be familiar with RPG II.
Manual, 8 1/2 x 11 inches, 120 pgs., 6/77
/////5735-CV1

GC33-6039

LICENSED PROGRAM DESIGN OBJECTIVES ADVANCED FUNCTIONS - DOS/VS PROG PROD 5746-XE2
The publication describes the program design objectives and provides information about the specified operating environment. Compatibility information is also included.
Flyer, 8 1/2 x 11 inches, 4 pgs, 4/77
/////5746-XE2

SC33-6041

ADVANCED FUNCTIONS - DOS/VS SYSTEM INFORMATION PROG PROD 5746-XE2
Provides the information needed to plan and to install a DOS/VS that includes the functional enhancements available with Advanced Functions - DOS/VS. Discusses how to invoke the DOS/VS - VM/370 Linkage facility and how to install program temporary fixes at a DOS/VS installation with Advanced Functions - DOS/VS installed. Gives an overview of the documentation for Advanced Functions - DOS/VS.
The manual assumes that the reader is familiar with Advanced Functions - DOS/VS General Information, GC33-6040;

it should be used with DOS/VS publications System Management Guide, GC33-5371, and System Generation, GC33-5377.
Manual, 8 1/2 x 11 inches, 40 pgs, 4/77
/////5746-XE2

SC33-6042

SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS SYSTEMS MANAGEMENT GUIDE, 5746-XE2
The publication provides replacement and/or supplementary pages for the DOS/VS System Management Guide. These pages, when incorporated in the DOS/VS publication, document the use of the facilities available with Advanced Functions - DOS/VS.
Manual, 8 1/2 x 11 inches, 40 pgs, 4/77
/////5746-XE2

SC33-6043

SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS SYSTEM CONTROL STATEMENTS, 5746-XE2
The publication provides replacement and/or supplementary pages for publication DOS/VS System Control Statements. These pages, when incorporated in the DOS/VS publication, document use of the facilities available with Advanced Functions - DOS/VS.
Manual, 8 1/2 x 11 inches, 26 pgs, 4/77
/////5746-XE2

SC33-6044

SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS OPERATING PROCEDURES, 5746-XE2
The publication provides replacement and/or supplementary pages for the DOS/VS Operating Procedures. These pages, when incorporated in the DOS/VS publication, document the use of the facilities available with Advanced Functions - DOS/VS.
Manual, 8 1/2 x 11 inches, 40 pgs, 4/77
/////5746-XE2

SC33-6045

SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS MESSAGES, 5746-XE2
This publication provides replacement and/or supplementary pages for the publication DOS/VS Messages, GC33-5379-5. These pages, when incorporated in the DOS/VS publication, document the use of the facilities available with Advanced Functions - DOS/VS.
Manual, 8 1/2 x 11 inches, 28 pages, 4/77
/////5746-XE2

SC33-6046

SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS SERVICEABILITY AIDS & DEBUG PROCEDURES, 5746-XE2
This supplement contains changed pages to DOS/VS Serviceability Aids and Debugging Procedures, GC33-5380-3, for Advanced Functions - DOS/VS, Release 34. It describes support for asynchronous operator communication, up to seven partitions, and VM linkage enhancements.
Manual, 8 1/2 x 11 inches, 26 pgs, 4/77
/////5746-XE2

GC33-6047

DOS/VS ENTRY USER'S GUIDE
This manual is a guide to installing and using DCS/VS. It is for new users of DOS/VS on System/370 Models 115 or 125. The functions and facilities of DOS/VS are described in sufficient detail to install and initially use the system. An introduction to the Virtual Storage Access Method (VSAM) is included.
Manual, 8 1/2 x 11 inches, 228 pgs, 9/77
3115,3125//34///5745-010

GC33-6048

DOS/VS POWER/VS INSTALLATION GUIDE AND REFERENCE REL 34
This manual is designed as a reference source for all DCS/VS users interested in using POWER/VS, primarily in the local environment.

Chapter 1 is an introduction to POWER/VS.
Chapter 2 describes the storage requirements for POWER/VS and the macros, options, and procedures for the POWER/VS generation.
Chapter 3 lists the central operator commands, the JECL statements, and the AUTOSTART statements. It also discusses POWER/VS job accounting, output segmentation, and cross-partition communication.
Chapter 4 illustrates how to use POWER/VS: to start and to stop the system, and to start, control, and stop POWER/VS tasks.

The three appendixes discuss the data compaction support, the I/O specifications for the RJE, SNA support, and the LOGON BIND parameter requirements for VTAM.
Manual, 8 1/2 x 11 inches, 160 pages, 4/77
//36///5745-010

GC33-6049

DOS/VS POWER/VS WORK STATION USER'S GUIDE
This manual is intended for DOS/VS users who wish to submit DOS/VS jobs from remote terminals or work stations. It covers the following:
o A general overview of POWER/VS RJE support.

- o General considerations concerning remote job entry operations.
 - o Detailed instructions for all supported terminals how to perform I/O operations, to handle special forms requirements, and to overcome error conditions.
 - o Remote Operator Control Language (ROCL) commands.
 - o Job Entry Control Language (JECL) statements.
 - o Account records, VTAM BIND parameters, SNA sense data.
 - o POWER/VS, RJE, and POWER/VS RJE, SNA messages (message types 1Rxx, 1Qxx, and 1Vxx).
- Manual, 8 1/2 x 11 inches, 194 pgs, 4/77
//36//5745-010

GC33-6050

ADVANCED FUNCTIONS - DOS/VS SPECIFICATIONS (LPS), LIC PROG 5746-XE2
Provides the programming specifications for the licensed program Advanced Functions - DOS/VS.
Manual, 4 pgs, 4/77
////5746-XE2

GC33-6060

DOS/VSE MAINTAIN SYSTEM HISTORY PROGRAM (MSHP) USER'S GUIDE
The manual gives an overall view of the scope and functions of the Maintain System History Program (MSHP) and the program's operating environment; it provides procedures for installing and servicing DOS/VSE and fully describes the MSHP control statements.

The audience addressed are persons responsible for installing and servicing DOS/VSE - for tasks such as installing program packages and making corrections to a system by means of PTFs and local fixes.

The program supports the installation and servicing of IBM program packages; it maintains a record of installation and system service activities in the system history file.

Familiarity with the concept of DOS/VSE as described in 'DOS/VSE System Management Guide', and with the system generation process as described in 'DOS/VSE System Generation' is required.

Manual, 8 1/2 x 11 inches, 140 pages, 2/79
//37//5745-020

GC33-6061

DOS/VS RELEASE 34, SCP 5745-010, SPECIFICATIONS
The flyer constitutes IBM's official published specifications to which the system control programming of DOS/VS is warranted as provided in IBM's agreements for lease, rental, or purchase of IBM machines.
Flyer, 8 1/2 x 11 inches,, 2 pages, 6/78

GC33-6062

VSE/IBM SYSTEM/3-3340 DATA IMPORT LIC PROG 5746-AM3 SPECIFICATION
Describes the warranted specifications of the subject licensed program.
Single Sheet, 8 1/2 x 11 inches, 2 pgs, 2/79
////5746-AM3

SC33-6063

VSE/IBM SYSTEM/3-3340 DATA IMPORT LIC PROG 5746-AM3 INSTALLATION REFERENCE
This manual gives a general description of the functions available with the VSE/IBM System/3-3340 Data Import program.

The publication, in addition, discusses customer responsibilities regarding program installation and compatibility information.

The publication is intended as an aid in deciding about the program's usefulness at a DOS/VSE installation.
Manual, 8 1/2 x 11 inches, 42 pages, 2/79
////5746-AM3

GC33-6065

VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1
This publication provides information on the warranted functions of the Virtual Storage Extended/Interactive Computing and Control Facility (VSE/ICCF) and describes the specified operating environment. The publication is intended for readers concerned with installation planning and administration.

VSE/ICCF is an online interactive computing facility that provides local and remote terminal users with conversational access to the computer resources of a DOS/VSE controlled central processor. It allows terminal users to enter, store in libraries, edit and retrieve data, and also to write, update, compile, test and debug programs with the results displayed back at the terminal or directed to a printer, or both. If VSE/POWER is available terminal users can also submit batch jobs for processing in DOS/VSE partitions. Terminal management for VSE/ICCF is handled either by the Terminal Transaction Facility (TTF) or by CICS/VS.

Manual, 8 1/2 x 11 inches, 2 pages, 4/79
////5746-TS1

GC33-6066

VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, PROG 5746-TS1, GENERAL INFORMATION
This publication provides general information on the Virtual Storage Extended/Interactive Computing and Control Facility (VSE/ICCF). It is intended for readers concerned with

installaticn planning and management, system operation, technical support and application programming.

VSE/ICCF is an online computing facility that provides terminal users with conversational access to computer resources. It allows users to enter, store in libraries, edit and retrieve text and data, and also to write, change, compile, test and debug programs with the results displayed back at the terminal or directed to a printer or both.

The publication discusses the program's concepts and gives a general description of the program's major functions; it also includes information on prerequisites for installation and use of the program on a DCS/VSE controlled central processor.

System Library Manual, 8 1/2 x 11 inches, 32 pages, 01/79
////5746-TS1

GC33-6070

SYSTEM 1401/1440/1460 EMULATOR PROGRAM, LIC PROG 5746-SU1, DESIGN OBJECTIVES
Describes the design objectives for the subject licensed program and provides data on the program's specified operating environment, the available service for the program, and the program's availability.
Single Sheet, 8 1/2 x 11 inches, 2 pages, 1/79
////5746-SU1

GC33-6071

SYSTEMS 1401/1440/1460 EMULATOR PROGRAM LIC PROG 5746-SU1 SPECIFICATION
Describes the warranted specifications of the subject program.
Single sheet 8 1/2 x 11 inches, 2 pgs, 1/79
////5746-SU1

SC33-6072

IBM SYSTEMS 1401/1440/1460 EMULATOR PROGRAM, LIC PROG 5746-S INSTALLATION GUIDE AND REFERENCE

The publication describes how to install the IBM Systems 1401/1440/1460 Emulator Program in one of the following IBM operating systems on an IBM processor with extended control program support for IOS/VSE (ECPS:VSE). The operating systems are: DOS/VSE, DOS/VS Release 34, and IOS Release 26. In addition, the publication provides how-to information for using this emulator program.

Readers of this publication should be familiar with the functional characteristics of the system that is to be emulated (1401, 1440, or 1460) and of the processor with ECPS:VSE.

Manual, 792 pages, 2/79
////5746-SU1

SC33-6074

DOS/VS RPG II, LIC PROG 5746-RG1, USER'S GUIDE
This manual describes the procedures for entering or modifying DOS/VS RPG II source program statements, or "specifications," interactively, via a terminal under VM/CMS or VSE/ICCF. Either templates displayed by RSEF, the RPG II Source Entry Facility, indicate the required entries, or the user is prompted for each required entry of the various specification types. Syntax diagrams also illustrate the required syntax. Requesting compilation from the terminal is also discussed. Users of this manual should be familiar with DOS/VS RPG II. DOS/VS RPG II Language, SC33-6031, is required for details of the specification entries.
Manual, 8 1/2 x 11 inches, 80 pages, 4/79
////5746-RG1

GC33-6075

VSE/IBM SYSTEM/3-3340 DATA IMPORT, LIC PROG 5746-AM3, DESIGN OBJECTIVES
Describes the design objectives for the subject licensed program and provides data on the program's specified operating environment, the available service for the program, and the program's availability.
Single Sheet, 8 1/2 x 11 inches, 2 pages, 1/79
////5746-AM3

GC33-6077

DATA SECURITY UNDER DOS/VSE
This manual provides information for the DCS/VSE user, who is concerned with data security and wants to become familiar with the data protection facilities available with DCS/VSE and DOS/VSE program products. The reader should be familiar with DOS/VSE as discussed in the Introduction to DOS/VSE, and in the DOS/VSE System Management Guide.

This manual does not attempt to cover all aspects of data security and the implications involved. It introduces general aspects of data security, and concentrates on DOS/VSE access control functions and system facilities that help to prevent inadvertent or intentional misuse of data.

The publication does not cover the subject of data backup and recovery. This topic is discussed in detail in the appropriate DOS/VSE and program product publications.
Manual, 8 1/2 x 11 inches, 68 pages, 4/79
//20//5745-020

GC33-6081

VSE/FAST COPY DATA SET PROGRAM, LIC PROG 5746-AM4, GENERAL INFORMATION
This manual gives a general description of the functions

available with the VSE/FAST Copy Data Set program, an extended version of the Fast Copy Disk Utility program that is available as part of VSE/Advanced Functions.

The publication, in addition, discusses customer responsibilities regarding program installation and provides timing and throughput as well as compatibility information. The publication is intended as an aid in deciding about the program's usefulness at a DOS/VSE installation.
Manual, 8 1/2 x 11 inches, 16 pages, 1/79
////5746-AM4

GC33-6093

VSE/ADVANCED FUNCTIONS PROG 5746-XE8 RELEASE 2GENERAL INFORMATION

The manual introduces the functional improvements over Release 1 of VSE/Advanced Functions. In addition, it discusses, on a general level, the installation of VSE/Advanced Functions, Release 2, and the compatibility of this support with user-written programs that have been executed under DOS/V5 or DOS/VSE in the past.

The manual is intended as a source of information for persons who are engaged in evaluating software products for their use at a data processing installation.

Release 2 of VSE/Advanced Functions is comprised of SCP and licensed code; it is the minimum operating system support for the use of an IBM central processor under DOS/VSE.

Manual, 8 1/2 x 11 inches, 28 pages, 1/79
////5746-XE8

GC33-6103

SYSTEM CONTROL PROGRAMMING SPECIFICATIONS DISK OPERATING SYSTEM/VIRTUAL STORAGE EXTENDED

Describes the programming specifications for the subject system control programming.

Single sheet 8 1/2 x 11 inches, 2 pgs, 2/79

GC33-6105

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8 SPECIFICATIONS

Describes the warranted specifications of the subject program.

Single Sheet 8 1/2 x 11 inches, 2 pgs, 2/79
////5746-XE8

GC33-6106

VSE/ADVANCED FUNCTIONS PROG 5746-XE8, GENERAL INFORMATION

This manual describes the functions available when the licensed program VSE/Advanced Functions is installed. It is intended primarily for those who need to have an overview of VSE/Advanced Functions.

VSE/Advanced Functions is designed to operate with the DOS/VSE SCP, to which it provides a number of functional enhancement and performance improvements.

Manual, 8 1/2 x 11 inches, 28 pages, 1/79
////5746-XE8

SC13-6107

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8 SYSTEM INFORMATION

This manual provides information for installing the licensed support package VSE/Advanced Functions in the DOS/VSE environment and shows how to generate support for the various functions available with the package.

Topics discuss the interdependencies between this support package and the DOS/VSE SCP, and the prerequisites for the installation of this package and its use. Procedures show how to install the package; the supervisor generation macros as relating to the package are presented in detail. For planning purposes, information is given on processor storage and library requirements.

The functions discussed include asynchronous operator communication, operation with up to seven partitions, the controlling of shared resources (such as files, libraries, and disk volumes), up to 15 extents for the page data set, and access control. Procedures shipped with the package allow the VSE/Advanced Functions supervisors to be initialized with a minimum of operator/system interaction.

The audience addressed are persons responsible for the installation, generation, and availability of an installation's operating system.

Use of the manual assumes the reader to be familiar with VSE/Advanced Functions General Information, GC33-6106; it should be used with the DOS/VSE publications: DOS/VSE System Generation, and DOS/VSE Maintain System History Program (MSHP) User's Guide.

Manual, 32 pages, 2/79
////5746-XE8

GC34-0006

SYSTEM/7 LINKAGE EDITORS PROG. NOS. 360A-TX-015,025, 5744-AC1, 5747-AC1, AND 5707-AP1

This manual provides you, the IBM System/7 user, with the information necessary to use the MSP Host Program Preparation Facilities II Linkage Editor (Link/7). Link/7 aids in preparing System/7 modular application programs using an IBM System/360 or System/370 host system operating under control of either System/360 Operating System or Disk Operating System (DOS).

LINK/7 aids in the preparation of System/7 programs by combining modules, resolving external references, relocating programs, adding subroutines, preparing overlay modules and maintaining a load module library.

The reader is assumed to be a user (programmer or system analyst) who has a working knowledge of the System/7

assembler (ASM/7) and FORMAT/7.

Prerequisite reading for this publication is: IBM System/7 Summary GA34-0002, System/7 Macro Assemblers GC34-0018.

Prerequisite Publications:
IBM System/7 Modular System Programs (MSP/7) Host Program Preparation Facilities II on System/360 or System/370: Introduction, GC34-0007
IBM System/7 Macro Assemblers, GC34-0018
Introducing the Enhanced MSP/7: Executive Briefing, Manual, 84 pages
//31//5744-AC1,5707-AP1,5747-AC1,5747-AP1,5744-AP1, 5707-AA1

GC34-0056

DISTRIBUTED INTELLIGENCE SYSTEM: GENERAL INFORMATION MANUAL 5744-BR1

Introductory in nature, this manual serves two purposes. First, it explains a Distributed Intelligence System, in manufacturing terms, to production-line managers and industrial executives. Second, it explains the System, in software terms, to programmers and system designers.

A Distributed Intelligence System united all the information-gathering resources of a production-line into one network, with a System/370 as its central computer.

Manual, 20 pages
//36//5744-BR1

GC34-0057

DISTRIBUTED INTELLIGENCE SYSTEM PROGRAM REFERENCE GUIDE PROG 5744-ER1

Describes the Distributed Intelligence System. It tells how to include the code for Distributed Intelligence System functions in System/7 or System/370 programs, for user application programmers, and IBM System Engineers.

The manual includes both introductory and reference information on the macros and high-level call statements that are used to transmit information between the System/7 and the System/370.

Prerequisite Publications:

Distributed Intelligence System General Information Manual, GC34-0056
Distributed Intelligence System: Operations Manual, GC34-0058.
Distributed Intelligence System: Operations Manual, GC34-0058.
Manual, 164 pages
//36//5744-ER1

GC34-0058

DISTRIBUTED INTELLIGENCE SYSTEM, LIC PROG 5744-ER1, OPERATIONS

Contains the information and instructions necessary to install and operate the Distributed Intelligence System on System/370 and System/7. This information is required by people responsible for the following functions in Distributed Intelligence System installations:

- o Designing and performing an OS/VS1 SYSGEN
- o Installing a Distributed Intelligence System on a System/370 operating under OS/VS1
- o Coding Distributed Intelligence System nucleus for a System/7
- o Executing and controlling a Distributed Intelligence System from the System/370 operator console
- o Using Customer Information Control System (CICS) with the Distributed Intelligence System
- o Using Information Management System (IMS) with the Distributed Intelligence System
- o Using Distributed Intelligence System tools in program debugging

The Distributed Intelligence System is a system control program that operates under OS/VS1, resides in its own partition in a System/370, and logically connects that System/370 to one or more System/7s. Once installed, the Distributed Intelligence System enables all processors in the network to function as if they were a single processor.

Prerequisite publications:

Distributed Intelligence System: Program Reference Guide, GC34-0057. OS/VS1 System Generation Reference, GC26-3791. MSP/7 Installation and Nucleus Generation Guide, GC34-0031. Manual, 124 pages
//36//5744-ER1

GC34-2001

OS/VS DISPLAY EXCEPTION MONITORING FACILITY (DEMF) SYSTEM CONTROL PROGRAMMING SPECIFICATIONS, SCP 5744-CH1

This document provides specifications for the OS/VS Display Exception Monitoring Facility (DEMF). It describes the general functions performed, the prerequisites and the System requirements.

Flyer, 8 1/2 x 11 inches, 1 pgs, 12/77

GC34-2002

OS/VS DISPLAY EXCEPTION MONITORING FACILITY (DEMF) SYSTEM INFORMATION

This manual provides information needed to plan for installation and use of the Display Exception Monitoring Facility (DEMF), a facility that allows 370 users to retrieve and display communications error data in an interactive environment. The content consists of a functional overview of DEMF, DEMF hardware, software, and application requirements, and a list of the publications and modules affected.

Manual, 8 1/2 x 11 inches, 30 pages, 3/79
//37//

////5735-XX8

GC34-2003

OS/VS DISPLAY EXCEPTION MONITORING FACILITY USER'S GUIDE
This manual provides information needed to operate the display exception monitoring facility (DEMF), a facility that allows 3270 users to retrieve and display communication error data in an interactive environment. The content of the manual consists of a functional overview of DEMF, a description of the logging function, descriptions and operating instructions for the various displays, status, sense, operation code interpretations, and a message guide for error messages issued by DEMF to the user and system operator.
Manual, 8 1/2 x 11 inches, 77 pages, 3/79
//37//

GC34-2004

OS/VS2 MVS INTERACTIVE PROBLEM CONTROL SYSTEM (IPCS), SYSTEM INFORMATION, SUID 5752-857
This manual provides information needed to plan for the installation and use of the OS/VS2 MVS Interactive Problem Control System (IPCS), a Selectable Unit that allows the user to analyze and manage system software problems in a TSO environment.
The manual contains three sections:
• Introduction: General information about IPCS.
• Planning: IPCS hardware and software requirements.
• Supplemental information - Publications and module information.
The manual is intended to provide planning information for installation managers, system programmers, and IBM field engineering personnel. A basic knowledge of OS/VS2 MVS and TSO is assumed.
Manual, 8 1/2 x 11 inches, 19 pages, 3/78
//37//

GC34-2005

OS/VS2 MVS INTERACTIVE PROBLEM CONTROL SYSTEM (IPCS) SPECIFICATIONS, SUID 5752-857
This publication describes the functions, prerequisites, and system requirements for the OS/VS2 MVS Interactive Problem Control System (IPCS) Selectable Unit.
Flyer, 8 1/2 x 11 inches, 1 page, 3/78

GC34-2006

OS/VS2 MVS IPCS, SUID 5752-857 USER GUIDE AND REFERENCE
This manual describes the functions and uses of the Interactive Problem Control System (IPCS) and the syntax of the IPCS subcommands. The audience is system programmers, customer engineers, and anyone who needs to examine dumps or debug them. IPCS is an online facility for examining dumps and for maintaining centralized information about problems and their related data. IPCS operates as a TSO command and provides subcommands to manipulate problems and their associated data sets and to examine unformatted dumps at the user's terminal.
This manual describes the preparations for an IPCS session and the control the user has over a session; how to use IPCS subcommands to manipulate problems and data sets associated with them; how to examine unformatted dumps; and the function, syntax, and operands of the subcommands.
Manual
////5752-857

GC34-2007

SUS7 MVS INTERACTIVE PROBLEM CONTROL SYSTEM (IPCS) MESSAGES AND CODES, 5752-857
This publication lists the messages and user completion codes produced by the OS/VS2 MVS Interactive Problem Control System (IPCS). The messages (with prefix BLS) are presented in alphabetic order by category. Each message and code is explained, and, where appropriate, the accompanying actions by the IPCS component are described and a programmer response is suggested.
Problem determination actions accompany problem identifying messages and codes.
Manual, 8 1/2 x 11 inches, 50 pages, 3/78
////5752-857

GC34-2008

NETWORK PROBLEM DETERMINATION APPLICATION (NPDA), LIC PROG 5735-XX8, PROGRAM SUMMARY
This document describes the functions, operating environment and warranty provisions of IBM Network Problem Determination Application Program Product, which assists the user in performing network problem determination.
Flyer, 1 page, 10/78
////5735-XX8

GC34-2010

NETWORK PROBLEM DETERMINATION APPLICATION (NPDA) GENERAL INFORMATION PROGRAM NUMBER 5735-XX8
This document provides introductory information about the IBM Network Problem Determination Application (NPDA) Program Product, which allows a user to record, retrieve and examine communication network error data in an interactive environment. The document provides a general description of NPDA as well as initial planning information needed for installation.
Manual, 8 1/2 x 11 inches, 18 pages, 10/78

GC34-2014

OS/VS2 MVS IPCS INTERACTIVE PROBLEM CONTROL SYSTEM REFERENCE SUMMARY CARD SUID 5752-857
This reference summary card shows the syntax of the IPCS commands and subcommands. The audience is system programmers, customer engineers, and anyone who needs to examine dumps or debug them.
IPCS is an online facility for examining dumps and for maintaining centralized information about problems and their related data. IPCS operates as a TSO command and provides subcommands to manipulate problems and their associated data sets and to examine unformatted dumps at the user's terminal.
The corequisite publication to this reference card is GC34-2006, OS/VS2 MVS Interactive Problem Control System (IPCS): User's Guide and Reference.
Fanfold reference card, 8 1/2 x 3 5/8 inches, 12 panels, 8/78
////5752-857

GC34-2015

VSE INTERACTIVE PROBLEM CONTROL SYSTEM: USER'S GUIDE AND REFERENCE
VSE/IPCS can assist in the analysis and management of software problems in a DOS/VSE environment.
This manual describes the function and use of VSE/IPCS commands and subcommands. Syntax and operands are described. Messages and ABEND codes and appropriate user response to them is explained. Example JDL for running the VSE/IPCS programs is included.
The manual is intended for people who use VSE/IPCS to offload problem dumps from the DOS/VSE system files on SYSDDM, display the dumps for analysis to determine cause of the problems, and document the results of their analysis for the use of others at their installation of IEM.
Manual, 8 1/2 x 11 inches, 200 pages, 3/79
////5746-SA1

GC34-2016

VSE INTERACTIVE PROBLEM CONTROL SYSTEM, LIC PROG 5746-SA1, PROGRAM SUMMARY
The VSE Interactive Problem Control System Program Summary is part of the marketing support for the product. It is directed primarily to customer management and technical staff and secondarily to IEM personnel. Its purposes are to meet the requirements of the Program Product Licensing Agreement and to serve as a basis for the warranty of VSE/IPCS.
VSE/IPCS assists the DCS/VSE user in software problem determination and management of problem information. The Program Summary briefly describes these functions, the operating environment, testing period, reference material, license, program services, product availability and warranty.
Flyer, 8 1/2 x 11 inches, 1 page, 1/78
////5746-SA1

GC34-2017

DOS/VSE INTERACTIVE PROBLEM CONTROL SYSTEM: GENERAL INFORMATION
This document provides information needed to plan for the installation and use of the DOS/VSE Interactive Problem Control System (VSE/IPCS), a program product that allows the user to analyze and manage system software problems in a DOS/VSE environment. The document provides a general description of VSE/IPCS as well as planning information needed for installation.
Manual, 8 1/2 x 11 inches, 24 pages, 1/79
////5746-SA1

GC34-2018

VM/INTERACTIVE PROBLEM CONTROL SYSTEM EXTENSION, PROGRAM SUMMARY, LIC PROG 5748-SA1
The VM/Interactive Problem Control System Extension (VM/IPCS Extension) Program Summary describes the highlights and operating environment of that program product. It is directed to customer management and technical staff and IEM program support personnel whose job it is to diagnose and track system problems, and to debug disk resident abend dumps.
Flyer, 2 pages
////5748-SA1

GC34-2019

VM/INTERACTIVE PROGRAM CONTROL SYSTEM EXTENSION LIC PROG 5748-SA1 GENERAL INFORMATION
This document provides introductory information about VM/Interactive Problem Control System Extension (VM/IPCS Extension, or IPCS), a program product that allows the user to analyze and manage system software problems in an interactive mode under the VM/370 Conversational Monitor System.
Manual, 8 1/2 x 11 inches, 16 pgs, 3/79
////5748-SA1

- GC34-2021
VSE INTERACTIVE PROBLEM CONTROL SYSTEM, LIC PROG 5746-SA1, SPECIFICATIONS
 The VSE Interactive Problem Control System Licensed Program Specifications (LPS) serves as the basis for the warranty of VSE/PCs. The LPS provides information on the warranted function of the program and states the Specified Operating Environment. The audience for the document is primarily licensees and prospects and secondarily IBM personnel.
 VSE/PCs processes storage dumps resulting from errors detected within the DOS/VSE supervisor, and within subsystem and user programs running under DOS/VSE. It assists the user in software problem determination and management of problem information.
 Flyer, 8 1/2 x 11 inches, 1 page, 5/79
 ////5746-SA1
- GC35-0010
OS/VS2 USING OS CATALOG MANAGEMENT WITH THE MASTER CATALOG: CVOL PROCESSOR
 This publication is intended for the systems programmer installing OS/VS2 Release 2. The CVOL Processor is supplied to lessen your installation considerations when using OS/VS2 Release 2.
 This book describes (1) the purpose and functions supported by the CVOL Processor, (2) how to use the CVOL Processor, and (3) restrictions and limitations of the CVOL processor.
 Manual, 16 pages
 //30//5752
- GC35-0014
OPERATORS LIBRARY: IBM 3850 MASS STORAGE SYSTEM (MSS) UNDER OS/VS
 This manual is for the cartridge handler, the console operator, the system operator. This manual describes the system and how its components fit together. It describes console commands and what to do if an error should occur.
 Manual
 //30//3850,3851/5741,5752
- GC35-0016
OS/VS MSS SERVICES GENERAL INFORMATION
 This book contains the general information about the MSVC functions, the Inventory and Journal data sets, and the MSS AMS commands that was originally published in GC35-0012 and GC35-0015. The recovery procedures chapter from GC35-0012 and the general information section from GC35-0015 have been expanded and revised as: "Checkpointing and recovering the Inventory Data Set," "Checkpointing and Recovering the Mass Storage Control Tables," and "Recovering Your Data." Readers of this book are presumed to have a background in programming, especially programming with the Access Method Services commands. The space manager and the system programmers are the two audiences.
 S.L.Manual, 200 pages, 7/76
 //30//3850,3851/5741,5752
- GC35-0017
OS/VS MSS SERVICES REFERENCE INFORMATION
 This book describes the syntax of the Mass Storage System Access Method Services commands, which includes examples of how to code the commands. The syntax explanations were originally published in GC35-0012 and GC35-0015.
 Manual, 400 pages, 7/76
 //30//3850,3851/5741,5752
- GC35-0018
OS/VS1 AND OS/VS2 MVS MSS ENHANCEMENTS SELECTABLE UNITS SYSTEM INFORMATION, SUIDS 5741-605, 5752-824
 This publication contains a general description of OS/VS1 MSS Enhancements Selectable Unit (5741-605), and OS/VS2 MVS MSS Enhancements Selectable Unit (5752-824). It is intended for installation managers, system programmers, and others planning to install either or both selectable units.
 Manual, 8 1/2 x 11 inches, 20 pgs, 12/76
 ////
- GC35-0027
OS/VS MASS STORAGE SYSTEM (MSS) SYSTEM DATA ANALYZER
 This book describes the System Data Analyzer program for the IBM 3850 Mass Storage System. Readers are presumed to have a background in the programming and hardware of the Mass Storage System. Information and the individual reports, the SDA control statements, that are used to generate the SDA reports, and interpretive information is included. The prerequisite publications are "Introduction to the IBM 3850 Mass Storage System (MSS)," "OS/VS Mass Storage System Planning Guide," and "IBM 3850 Mass Storage System (MSS) Installation Guide."
 Manual, 8 1/2 x 11 inches, 96 pgs, 11/77
 //30//3850,3851/5741,5752
- GC35-0028
OS/VS MASS STORAGE SYSTEM (MSS) INSTALLATION PLANNING AND TABLE CREATE
 This publication describes the steps involved in planning for and installing the Mass Storage System. Included in the description are the procedures that are used to define a
- Mass Storage System Configuration and the configuration as input to the Mass Storage Control Table Create program.
 Manual
 //30//3850,3851/5741,5752
- GC35-0031
OS/VS MASS STORAGE SYSTEM (MSS) MSVIZAP
 Intended for the system programmer concerned with recovery of the Mass Storage System. It contains instructions on how to use the MSVIZAP program including sample MSVIZAP output, syntax definitions of MSVIZAP commands, and MSVIZAP error messages.
 Manual, 8 1/2 x 11 inches, 28 pages
 ////5799-WPK
- GC35-0033
DEVICE SUPPORT FACILITIES
 Device Support Facilities is a program used with IBM System/370 operating systems to perform various operations on direct-access storage devices.
 Manual, 8 1/2 x 11 inches, 100 pages, 9/78
 ////5741-638,5752-884
- GC38-0005
OPERATOR'S LIBRARY: SYSTEM/370 MODEL 135 PROCEDURES
 This manual provides operating and reference information for operators of the IBM System/370 Model 135, and Model 135-3 (includes the performance enhancement feature). The Models 135 and 135-3 operate the same except during Initial Microprogram Load (IMPL) procedures. These procedure differences are explained in the manual. References in the manual made to the Model 135 also apply to the Model 135-3 unless otherwise specified.
 The reader is assumed to have a working knowledge of "Introduction to IBM Data Processing Systems," GC20-1684, and some previous data processing experience.
 The manual describes how to operate the following system hardware and compatibility feature:
 o IBM 3135/3135-3 Processing Unit - the system processing unit.
 o IBM 3210 and 3215 Console Printer-Keyboard - the operator's primary link with the system.
 o IBM 3277 Display Station - a secondary stand-alone console.
 o 2314/3340 Compatibility feature - IPL procedure, direct access storage devices data volume conversion, and feature description.
 For operating information of IBM input/output devices that attach to the processing unit channels and/or integrated adapters, see "IBM System/370 Bibliography," GC20-0001. Also, see the Bibliography for program operating systems that support the system.
 Manual, 108 pages
 3135//01//
- GC38-0015
IBM SYSTEM/370 MODEL 145 OPERATING PROCEDURES
 This System Library Manual contains information necessary to operate the following units of the IBM System/370 Model 145:
 IBM 3145 Processing Unit
 IBM 3210 Console Printer-Keyboards
 IBM 3215 Console Printer-Keyboards
 IBM 3047 Power Unit
 The reader is assumed to have basic computer knowledge and experience, or computer operating experience on a similar system or other related data processing equipment. The information in this manual is written for all levels of operator experience for training as well as system operation. This manual has five major sections:
 o System Control Panel Indicators, Switches, and Keys - Describes the purpose of individual indicators, switches, and keys. It does not describe the applications of these facilities within operating procedures. Service-personnel usage is not included.
 o Console File - Contains location, handling, flexible disk insertion and removal information, and the necessary cautions associated with flexible disks.
 o Console Printer-Keyboards - Contains initial setup and operator adjustments, 3210 print element cleaning procedures, associated manual FR-KB operations, and a description of indicators and controls.
 o Operating Procedures - Describes in detail procedures necessary for system operation. Initialization and error recovery procedures are included. Operating procedures for System Error Record Editing Program (SEREP) and System Test 370 (ST370) are also in this section.
 o Handling Abnormal Situations - Includes text and flowcharts used in analyzing the four major types of abnormal situations encountered:
 1. Cannot power system on
 2. Cannot start any job
 3. Cannot continuously run any job
 4. Cannot power system off
 Manual, 96 pages
 3145//01//

GC38-0016

SYSTEM/370 MODEL 138 OPERATING PROCEDURES

This manual contains information for operators of the IBM System/370 Data Processing System Model 138. The reader is assumed to have a working knowledge of Introduction to IBM Data Processing Systems, GC20-1684. Some previous operating experience on either a similar system or related data processing equipment is helpful. The information in this manual is for all levels of operator experience - for training as well as for system operation.

- The manual describes how to operate the following:
- o IBM 3138 Processing Unit and Console Display-Keyboard
 - o IBM 3046 Power Unit - major source of electrical power for the processing unit
 - o IBM 3286 Printer - the optional console printer
 - o Input/Output devices that are attached to the CPU integrated adapters
 - o 2314/3340 Compatibility Feature - IPL procedure, data volume conversion, and feature description.

Manual, 112 pages, 11/76
3138//01///

GC38-0017

OPERATOR'S LIBRARY: IBM SYSTEM/370 MODEL 148 OPERATING PROCEDURES

This manual contains information necessary to operate these units of the IBM System/370 Model 148:

- IBM 3148 Processing Unit
- Console Display-Keyboard
- IBM 3286 Printer
- Console File.

The reader is assumed to have basic computer knowledge and experience or to have computer operating experience on a similar system or other related data processing equipment. The information in this manual is for all levels of operator experience, for training as well as system operation. The five major sections are:

- o System Control Panel Indicators, Switches, and Keys, describes the purpose of individual indicators, switches, and keys. It does not describe the applications of these facilities beyond normal operating procedures.
- o Console File, contains procedures for handling, insertion, and removal of magnetic disk cartridges.
- o Console Display-Keyboard, contains D-KB manual operations, keyboard keys and functions, and description of indicators and controls. Also includes 3286 Printer operation, controls, and procedures for forms insertion and ribbon replacement.
- o Operating Procedures, contains procedures for system operation, initialization, and error recovery.
- o Handling Abnormal Situations, contains flowcharts and text for analyzing abnormal situations.

Manual, 96 pgs, 12/76
3148//01///

GC38-0025

IBM SYSTEM/370 MODEL 158 OPERATING PROCEDURES

This manual introduces the operator to the Model 158 display console. Subjects describes from an operational level include:

- o Control Panel
- o Console Display
- o Keyboard
- o Console Files
- o Console Printer

This publication should be used in conjunction with Operator's Library: OS/VS2 Consoles, GC38-0260, and Operator's Library: OS/VS2 Reference, GC38-0210. A knowledge of IBM System/360 Operating System: Operating Procedures, GC28-6692 is considered a prerequisite.

Manual, 52 pages
3158//01///

GC38-0030

SYSTEM/370 MODEL 168 OPERATING PROCEDURES

This publication describes the basic procedures performed by the Model 168 operator at the system console. These procedures, in conjunction with corresponding procedures provided in the appropriate operating system reference and console manuals, enables the operator to power the machine system, load and execute control and problem programs, and to receive and issue messages to communicate with the system.

The anticipated reader is the Model 168 operator who receives the program job, enters it into the production records, enters the program into the system, and returns the completed job to the problem programmers. The reader is assumed to have at least a basic understanding of computers and some preliminary experience in operating a similar system.

Manual, 70 pages
3168//01///

GC38-0031

IBM 3033 PROCESSOR COMPLEX OPERATOR'S GUIDE

This manual describes the operator controls and the basic procedures performed by the operator of an IBM 3033 Processor Complex or an IBM 3033 Multiprocessor Complex, using the IBM 3036 Console. Used in conjunction with

procedures provided in the appropriate system control program reference and console manuals, these procedures enable an operator to power up the system, perform IPLs, run programs, and communicate with the system.
Manual, 8 1/2 x 11 inches, 110 pages, 8/79
3033//01///

GC38-0032

IBM 3032 PROCESSOR COMPLEX OPERATOR'S GUIDE

This publication describes the operator controls and the basic procedures performed by the operator of an IBM 3032 Processor Complex, using an IBM 3036 Console. The procedures, used in conjunction with corresponding procedures provided in the appropriate operating system reference and console manuals, enable the operator to power the system, execute control and problem programs, and receive and issue messages to communicate with the system.
Manual, 8 1/2 x 11 inches, 60 pages, 2/78
3032//01///

GC38-0033

IBM 3031 PROCESSOR COMPLEX OPERATOR'S GUIDE

This publication describes the basic procedures performed by the operation of an IBM 3031 Processor Complex or 3031 Attached Processor Complex at the IBM 3036 Console. These procedures, in conjunction with corresponding procedures provided in the appropriate operating system reference manuals, enable the operator to power the machine system, load and execute control and problem programs, and to receive and issue messages to communicate with the system. The reader is assumed to have basic computer knowledge and experience and some operating experience on a similar system.

Manual, 8 1/2 x 11 inches, 88 pages, 7/79
3031//01///

GC38-0110

OPERATOR'S LIBRARY: OS/VS1 REFERENCE

This reference manual contains VS1 system operator and RES (Remote Entry Services) commands. It is part of the Operator's Library and is for the system operator and the operator at the central computer of an RES system, but some sections are also of interest to operators at secondary consoles, such as those in the tape or disk pool. Appendix A describes procedures for single and multiple console configuration and contains information formerly found in Operator's Library: OS/VS Console Configurations, GC38-0120.

This publication documents only operator initiated commands. Parameters to be issued in response to messages appear in the System Messages manual and operator instructions for a particular console are in the applicable Operating Procedures manual.

Manual, 150 pages
//40//5741

GC38-0220

OPERATOR'S LIBRARY: OS/VS2 TSO

This publication provides the basic system information necessary for a console operator to run TSO under OS/VS2. A knowledge of the information included in the IBM Basic Operator Training Course is assumed.

This publication includes the commands and procedures necessary to: start TSO, modify TSO parameters, communicate with terminal users, cancel a terminal session, control the background reader, and stop TSO.

Manual, 32 pages
//39//5742

GC38-0225

OPERATOR'S LIBRARY: OS/VS2 REMOTE TERMINALS (JES2)

This guide is for operators and users of JES2 remote workstations who enter one or more jobs to be sent, using JES2, to a central computer for processing.

This book describes input/output queues and how the workstation user can control them. The workstation commands available to the user are described according to their function. The parameters used for various forms of the commands are explained.

For each type of workstation (1130, S/360, S/360 Model 20, 2922, S/3, 3780, 2780, 2770) there is a separate chapter that describes its operation. This part of the book can be tailored to each installation's requirements by removing sections that do not apply.

Manual, 120 pages
/C/38//5752

GC38-0228

OPERATOR'S LIBRARY: OS/VS2 REMOTE TERMINALS (JES3)

This publication consists of a general section and a self-contained section for each of the remote terminals supported by JES3. Each such section provides information necessary to operate the remote terminal and to recover from errors that may occur during operation. The publication is designed primarily for the remote terminal user.

Manual, 72 pages
/C/38//5752

GC38-0229

OPERATOR'S LIBRARY: OS/VS2 MVS SYSTEM COMMANDS
This publication describes system functions, commands, and procedures used by a system console operator in running a System/370 under OS/VS2 Release 3.7.

- The following topics are discussed in this publication:
- o an overview of OS/VS2, JES2, and JES3
 - o allocating and controlling configuration and devices
 - o the commands and procedures for starting, quiescing, and stopping the system
 - o controlling the system
 - o controlling jobs
 - o controlling the external writer
 - o controlling time sharing
 - o recording system information
 - o dynamic device reconfiguration
 - o shared DASD option
 - o system command summary

Installations which have JES2 or JES3 installed should also refer to the following publications:

- o Operator's Library: OS/VS2 MVS JES2 Commands, GC23-0007
- o Operator's Library: OS/VS2 MVS JES3 Commands, GC23-0008

Manual, 124 pages, 5/76
//40//5752

GC38-0251

NETWORK OPERATION SUPPORT PROGRAM GENERAL INFORMATION, PROG PROD 5735-XX2

This publication is a general description of the Network Operation Support Program. It is intended for customer executives, system administrators, system analysts, system programmers, application programmers, and terminal operators. The first part of this publication provides an overview of the Network Operation Support Program in a complex data communications network. The second part is a functional description of the program including its major functions. The remaining sections discuss terminal and program support and compatibility considerations.
Manual, 8 1/2 x 11 inches, 28 pages, 10/76
//40//5735-XX2

GC38-0254

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) GENERAL INFORMATION, PROG PRODS 5735-RC2, 5746-RC3

This manual is intended for those who will decide whether or not to use ACF/VTAM (an IBM program product), and is a preliminary source of information for installation managers and system programmers who will install it.
It discusses:

- o Definition of ACF/VTAM to the operating system
- o Operation of an ACF/VTAM network
- o ACF/VTAM macro instructions
- o Reliability, availability, and serviceability features available to ACF/VTAM

The reader should be familiar with teleprocessing concepts. System programmers should be familiar with the operating system with which they will use ACF/VTAM.
Manual, 8 1/2 x 11 inches, 50 pgs, 10/76
//40//5735-RC2,5746-RC3

GC38-0255

OPERATOR'S LIBRARY: OS/VS1 DISPLAY CONSOLES

Tells system operators how to use cathode ray tube (CRT) display devices as operator consoles to run a VS1 operating system. The display devices supported are:

- o 2250 Display Unit
- o 2260 Display Station

The book summarizes the basic procedures for operating a system through display consoles and includes detailed instructions for each device telling:

- o How to start the system
- o How to enter commands
- o How to delete messages
- o How to control the screen
- o How to use the CONTROL command

The book must be used in conjunction with Operator's Library: OS/VS1 Reference, GC28-1001.
Manual, 80 pages
//40//5741

SC38-0256

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) MACRO LANGUAGE GUIDE, PROG PROD 5746-RC3 (DOS/VS), 5735-RC2 (OS/VS)

This publication describes how to write an ACF/VTAM application program. An ACF/VTAM application program is a program that contains ACF/VTAM macro instructions to request connection to and communicate with telecommunications devices and subsystems supported by ACF/VTAM. This manual should be used with reference publication, ACF/VTAM Macro Language Reference, SC38-0261.

The contents include:

- an overview of ACF/VTAM application programs and their relation to other elements in a teleprocessing network;
- suggestions on how to organize an ACF/VTAM application program;
- a discussion of the concepts, facilities, and language for opening and closing a program, and for connecting to and communicating with terminals and logical units;
- requirements and suggestions on using exit routines,

handling errors and special conditions in the network and debugging an ACF/VTAM application program. The user is assumed to be familiar with Basic Assembler Language.

Prerequisite Publications: None, however; ACF/VTAM Concepts and Planning, GC38-0282, may be helpful in understanding the concepts of an ACF/VTAM network.
Manual, 8 1/2 x 11 inches, 276 pgs, 7/77
//40//5746-RC3,5735-RC2

SC38-0257

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) PROGRAM OPERATOR GUIDE, PROG PROD 5746-RC3 (DOS/VS), 5735-RC2 (CS/VS)

This book describes how to write the Program Operator portion of an ACF/VTAM application program. It supplements the information on writing ACF/VTAM application programs contained in ACF/VTAM macro Language Guide, SC38-0256. The primary audience for this book is the ACF/VTAM application programmer who is writing a Program Operator application program. The secondary audience is the system programmer who requires background information for planning and maintaining an ACF/VTAM network.
Manual, 8 1/2 x 11 inches, 88 pgs, 7/77
//40//5735-RC2,5746-RC3

SC38-0258

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) SYSTEM PROGRAMMER'S GUIDE, PROG PROD 5735-RC2

Provides the necessary information for defining an ACF/VTAM network in an OS/VS system. It describes the interfaces that must be created between the user's ACF/VTAM application program and the system. It also describes how the system can be modified to better serve the needs of the user.

Prerequisite publication: Advanced Communications Function for VTAM (ACF/VTAM) Concepts and Planning, GC38-0282

Corequisite publication: Advanced Communications Function for VTAM (ACF/VTAM) Installation Guide, SC38-2069

This book is intended for system programmers who are primarily concerned with system generation and ACF/VTAM network definition.
Manual, 8 1/2 x 11 inches, 300 pgs, 12/77
//40//5735-RC2

SC38-0259

ACF/VTAM NETWORK OPERATING PROCEDURES FOR OS/VS - PROG PROD 5735-RC2

This publication is a reference manual for system operators who run an ACF/VTAM network in OS/VS. It is also a guide for system programmers who must supply operators with the detailed information that they need to run the ACF/VTAM network.

The publication provides an introduction to operating ACF/VTAM (Chapter 1), describes the fundamentals of ACF/VTAM commands and messages (Chapter 2), and explains the use of commands in performing particular operations (Chapters 3-7). The commands are presented on the basis of function and the network elements they act upon. Command formats can be found either where the command is first discussed or in Appendix D, which summarizes the commands and their functions.

Manual, 8 1/2 x 11 inches, 120 pgs, 12/77
//40//5735-RC2

SC38-0261

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) MACRO LANGUAGE REFERENCE, PROG PROD 5746-RC3 (DOS/VS), 5735-RC2 (OS/VS)

This publication is a reference manual that describes the ACF/VTAM macro instructions in detail.

ACF/VTAM is an access method that allows a program operating under a virtual storage operating system to communicate with terminals and logical units of a teleprocessing network, or optionally to communicate with terminals and logical units of several combined teleprocessing networks.

This manual is used by installation personnel (typically system programmers) who code the programs that provide the interface between the application program and the teleprocessing network and is designed to be used in conjunction with the ACF/VTAM Macro Language Guide, SC38-0256.

Prerequisite Publications: None. However, the reader should be familiar with the parts of the OS/VS and DOS/VS Assembler Language (GC33-4010) that explains the rules for coding assembler statements.
Manual, 8 1/2 x 11 inches, 350 pgs, 7/77
//40//5746-RC3,5735-RC2

GC38-0266

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM, PROG PROD 5735-RC2, 5746-RC3, SPECIFICATIONS

This publication provides information on the warranted functions of the licensed program, ACF/VTAM, and describes the specified operating environment.
Flyer, 8 1/2 x 11 inches, 2 pgs, 9/77
//40//5746-RC3,5735-RC2

SC38-0268

ACF/VTAM, LIC PROG 5746-RC3, SYSTEM PROGRAMMER'S GUIDE
Provides the necessary information for defining an ACF/VTAM network in a DOS/VS system. It describes the interfaces

that must be created between the user's ACF/VTAM application program and the system. It also describes how the system can be notified to better serve the needs of the users. This book is intended for system programmers who are primarily concerned with system generation and ACF/VTAM network definition.

Prerequisite: ACF/VTAM Concepts and Planning, GC38-0282
Corequisite: ACF/VTAM Installation Guide for DOS/VS, SC38-0271.
Manual, 8 1/2 x 11 inches, 300 pages, 7/77
/////5746-RC3

SC38-0269

ACF/VTAM INSTALLATION GUIDE FOR OS/VS, LIC PROG 5735-RC2
This publication provides an overview of the steps required to install ACF/VTAM, including the Multisystem Networking Facility. "Installing" is defined to include planning requirements coding customer programming, and testing the programming with ACF/VTAM and related products. The intended audience is the customer or IBM system engineers who must do the installing. This publication refers to and must be used with other publications in the ACF/VTAM library and with related product publications, such as ACF/NCP/VS publications.

This publication contains:

- o An introductory chapter
- o A installation chapter describing specific planning, coding, and testing steps to take and referring to publications that contain required information
- o A chapter describing possible stages in migrating from a pre-ACF VTAM system chapter describing the coding and operating requirements of a hypothetical customer using the Multisystem Networking Facility

ACF/VTAM Concepts & Planning, GC38-0282, is a prerequisite publication. ACF/VTAM System Programmer's Guide for OS/VS, SC38-0258 is a corequisite publication.
Manual, 8 1/2 x 11 inches, 210 pgs, 12/77
/////5735-RC2

SC38-0270

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) INSTALLATION GUIDE, PROG PROD 5746-RC3 (DOS/VS)

This publication provides an overview of the steps required to install ACF/VTAM, including the Multisystem Networking Facility. "Installing" is defined to include planning requirement coding customer programming, and testing the programming with ACF/VTAM and related products. The intended audience is the customer or IBM system engineer who must do the installing. This publication refers to and must be used with other publications in the ACF/VTAM library and with related product publications, such as ACF/NCP/VS publications.

The publication contains:

- An introductory chapter
- A chapter describing specific planning, coding, and testing steps to take and which refers to publications that contain required information
- A chapter describing possible stages in migrating from a pre-ACF/VTAM system to an ACF/VTAM system
- A chapter describing the coding and operating requirements of a hypothetical customer using the Multisystem Networking Facility

ACF/VTAM Concepts and Planning, GC38-0282, is prerequisite publication. ACF/VTAM System Programmer's Guide for DOS/VS, SC38-0268, is a corequisite publication.
Manual, 8 1/2 x 11 inches, 150 pgs, 7/77
/////5746-RC3

SC38-0271

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) MESSAGES AND CODES, PROGRAM NUMBER 5735-RC2 (OS/VS)

This publication is a reference manual containing the ACF/VTAM messages which OS/VS issues for operators and programmers. The reason that the message was issued is explained, action taken by ACF/VTAM and OS/VS is given, and appropriate actions for response to the message are suggested for the operator and programmer. Message documentations appear in numeric sequence. Also included are codes which some ACF/VTAM messages pass on from VSAM and SNA formats and protocols. Brief explanations of these codes are given, and, in some cases, appropriate actions are suggested for the operator or programmer.

Manual, 8 1/2 x 11 inches, 144 pgs, 12/77
/////5735-RC2

SC38-0272

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) MESSAGES AND CODES, PROG PROD 5746-RC3 (DOS/VS)

This publication is a reference manual containing the ACF/VTAM messages which DOS/VS issues for operators and programmers. The reason that the message was issued is explained, action taken by DOS/VS is given, and appropriate actions for a response to the message are suggested for the operator and programmer. Message documentations appear in alphanumeric sequence. Also included are codes which some ACF/VTAM messages pass on from VSAM, cancel processing, and SNA formats or protocols. Brief explanations of these codes are given, and, in some cases, appropriate actions are suggested for the operator or programmer.

Manual, 8 1/2 x 11 inches, 100 pages, 8/77
/////5746-RC3

SC38-0273

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) NETWORK OPERATING PROCEDURES, PROG PROD 5746-RC3 (DOS/VS)
This publication is a reference manual for system operators who run an ACF/VTAM network. It is also a guide for system programmers who must supply operators with the detailed information that they need to run the ACF/VTAM network.

The publication provides an introduction to operating ACF/VTAM (Chapter 1), describes the fundamentals of ACF/VTAM commands and messages (Chapter 2), and explains the use of commands in performing particular operations (Chapter 3-7). The commands are presented on the basis of function and the network elements they act upon. Command formats can be found either where the command is first discussed or in Appendix D, which summarizes the commands and their functions.

Manual, 8 1/2 x 11 inches, 120 pgs, 7/77
/////5746-RC3

SC38-0278

NETWORK OPERATION SUPPORT PROGRAM INSTALLATION AND MAINTENANCE MANUAL (CS/VS), LIC PROG 5735-XX2

This manual describes the planning, installation, definition, and tailoring of the program product Network Operation Support Program. It is intended for system programmers, application programmers, and system administrators. A basic knowledge of ACF/VTAM is required.

Manual, 8 1/2 x 11 inches, 100 pages, 1/78
/////5735-XX2

GC38-0282

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) CONCEPTS AND PLANNING, PROG PROD 5735-RC2, 5746-RC3

This publication describes the major concepts and facilities of the program product Advanced Communication Function for the Virtual Telecommunications Access Method (ACF/VTAM). ACF/VTAM is a data communication access method that performs network control and data-transmission functions for a network attached to a single host computer, or with the Multisystem Networking Facility, performs the functions for a network that includes a multiple host computers or multiple data-communication access methods. ACF/VTAM supports terminals on SDLC, EBC, and start-stop lines as well as locally attached Systems Network Architecture (SNA) terminals and locally attached non-SNA terminals.

The publication is written for data processing managers card system programmers who are considering use of ACF/VTAM or who are planning for installation and use of the product. The publication also aids application programmers and network operators in becoming familiar with the overall characteristics and capabilities of the access method. The publication provides a comprehensive description of the system with a moderate of detail. A more general description of ACF/VTAM is provided in ACF/VTAM General Information, GC38-0254.

The description of the access method is divided into chapters dealing with:

- The basic structure and components of an ACF/VTAM system
- Defining an ACF/VTAM system
- Starting, controlling, and stopping an ACF/VTAM system
- Coding application programs
- Using reliability, availability, and serviceability characteristics of the system
- Defining, controlling, and communication with BCS terminals, start-stop terminals and local non-SNA terminals

Basic planning considerations and requirements are also provided, although detailed planning information must be obtained by using this publication with the ACF/VTAM Installation Guide and the ACF/VTAM System Programmer's Guide for the operating system under which ACF/VTAM will be used.

Manual, 8 1/2 x 11 inches, 236 pgs, 8/77
/////5735-RC2,5746-RC3

SC38-0283

ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM) TOLTEP PROGRAM NUMBER: 5746-RC3 (DOS/VS), 5735-RC2 (CS/VS)

This publication provides the information needed to use the Teleprocessing Online Test Executive Program (TOLTEP). TOLTEP, which is automatically included in the system with ACF/VTAM, controls the selection, configuration, and use of online tests (OLTS) for terminals supported by the Advanced Communications Functions for the Virtual Telecommunications Access Method (ACF/VTAM).

This manual is intended for IBM Field Engineering personnel and others who wish to use TOLTEP in testing ACF/VTAM terminals.

Manual, 8 1/2 x 11 inches, 64 pgs, 7/77
/////5735-RC2,5746-RC3

GC38-0284

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM, MULTISYSTEM NETWORK FACILITY, PRCG PRCD 5735-RC2 5746-RC3 SPECIFICATIONS

This publication provides information on the warranted functions of the optional feature, the Multisystem Networking Facility, of ACF/VTAM. This publication also describes the specified operation environment.

Flyer, 8 1/2 x 11 inches, 2 pgs, 9/77
/////5746-RC3,5735-RC2

GC38-0285

ACP/VTAM ENCRYPT/DECRYPT FEATURE, PROG PROD 5735-RC2, SPECIFICATIONS

This publication provides information about the warranted functions of the optional feature, the ACP/VTAM Encrypt/Decrypt Feature. This publication also describes the specified operating environment.

Flyer, 8 1/2 x 11 inches, 2 pages, 1/78
 ////5735-RC2

GC38-0289

ACP/VTAM ENCRYPT/DECRYPT FEATURE, PROG PROD 5735-RC2, DESIGN OBJECTIVES

This publication provides information on the design objectives of the ACP/VTAM Encrypt/Decrypt Feature. It also describes the specified operating environment and states estimated availability dates.

PPDO, 8 1/2 x 11 inches, 1 pg, 11/77
 ////5735-RC2

GC38-0290

BTAM-ES PROGRAM SUMMARY

This publication provides information on the functions of BTAM-ES. It also describes the specified operating environment, including machine requirements and programming systems needed.

Flyer, 8 1/2 x 11 inches, 2 pages, 2/79
 ////5746-RC5

GC38-0291

EXTENDED SUPPORT, LIC PROG 5746-RC5, SPECIFICATIONS

This publication provides information on the warranted functions of the licensed program, Basic Telecommunications Access Method Extended Support. This publication also describes the specified operating environment.

Flyer, 8 1/2 x 11 inches, 1 page, 2/79
 ////5746-RC5

GC38-0292

BASIC TELECOMMUNICATIONS ACCESS METHOD EXTENDED SUPPORT (BTAM-ES) GENERAL INFORMATION

This publication gives an overview of the basic Telecommunications Access Method Extended Support (BTAM-ES). It describes the installation process for BTAM-ES, outlines hardware and software requirements for its installation and use, lists the devices supported by BTAM-ES and summarizes the BTAM-ES macros. Concepts of Data Communication 1V General and BTAM-ES in particular are discussed, and a glossary of Data Communication terms is provided.

Manual, 8 1/2 x 11 inches, 36 pages, 1/79
 ////5746-RC5

GC38-0293

BASIC TELECOMMUNICATIONS ACCESS METHOD EXTENDED SUPPORT (BTAM-ES) PROGRAMMING

This manual describes the facilities and macro instructions needed to write an application program that defines, activates, and controls a data communications system using the Basic Telecommunications Access Method Extended Support (BTAM-ES) under the Disk Operating System/Virtual Storage Extended (DOS/VSE). All BTAM-ES macro instructions and their operands are described in detail, as are the programming considerations for all supported devices.

Manual, 8 1/2 x 11 inches, 204 pages, 2/79
 ////5746-RC5

GC38-0294

BASIC TELECOMMUNICATIONS ACCESS METHOD EXTENDED SUPPORT (BTAM-ES) INSTALLATION

This publication provides information needed to plan for and install and Basic Telecommunication Access Method Extended Support (BTAM-ES). The bulk of the publication consists of real and auxiliary storage information needed to plan for the installation of BTAM-ES. The publication also describes how to define a DOS/VSE supervisor for BTAM-ES, considerations when incorporating the IBM-supplied tapes into the appropriate DOS/VSE Libraries, how to prepare BTAM-ES for testing, and testing procedures using the IBM-supplied sample programs.

Manual, 8 1/2 x 11 inches, 36 pages, 2/79
 ////5746-RC5

GC38-0295

BASIC TELECOMMUNICATIONS ACCESS METHOD EXTENDED SUPPORT (BTAM-ES) MESSAGES

This manual lists and describes the messages that BTAM-ES issues to the console operator and to the programmer. It enables both users to decide on the action they have to take in reply to the message received.

Manual, 8 1/2 x 11 inches, 36 pages, 2/79
 ////5746-RC5

GC38-0296

BTAM SYSTEM CONTROL PROGRAMMING FOR BTAM-ES, LIC PROG 5747-CG1, SPECIFICATIONS

This publication describes the BTAM system control programming for the program product, Basic Telecommunications Access Method Extended Support for use with DOS/VSE.

Flyer, 8 1/2 x 11 inches, 1 page, 2/79

GC38-0297

NETWORK TERMINAL OPTION GENERAL INFORMATION INTRODUCTION SCP 5735-XX7

This publication gives an overview of the Network Expansion Terminal Option (NETO). It is intended primarily as a guide for installation managers and planners who evaluate the use of the NETC program product for their data processing network.

Manual, 8 1/2 x 11 inches, 32 pages, 10/78
 ////5735-XX7

GC38-0298

NETWORK TERMINAL OPTION INSTALLATION

This manual describes how to install the Network Terminal Option (NTO) Program Product into the ACP/RCF and gives user considerations for the rest of the network. In addition to this information, this manual gives terminal and application program considerations for NTO devices.

Manual, 8 1/2 x 11 inches, 100 pages, 3/79
 ////5735-XX7

GC38-0330

OPERATOR'S LIBRARY OS/VS1 RES - PROGRAM NUMBER 5741-SC1-EE

This book is required by the operator of a central computer that is using RES (Remote Entry Services) under VS1. It explains what functions the central operator can perform under RES. The book describes how the central operator uses the automated IPL option and how he starts and stops RTAM, the access method used by RES. Included in the book are the commands available to the central operator; these RES commands provide the means for performing such functions as displaying RES information, changing line status, controlling job processing, and sending messages to workstation users.

This book is part of the Operator's Library and need be included in the library only when RES is used. It is assumed that the library contains the publication Operator's Library: CS/VS1 Reference, Order No. GC38-0110.

Manual, 48 pages
 //38//5741

GC38-0335

OPERATOR'S LIBRARY: OS/VS1 CRJE

This publication contains information pertinent to the central computer operator for starting, stopping, and running Conversational Remote Job Entry (CRJE) under OS/VS1. It should be used in conjunction with Operator's Library: OS/VS1 Reference, GC38-0110.

All the messages received by the operator as a result of CRJE commands are documented in OS/VS Message Library: VS1 System Messages, GC38-1001.

Manual
 //38//5741

GC38-1000

OS/VS MESSAGE LIBRARY: MASS STORAGE SYSTEM (MSS) MESSAGES

This publication is part of the OS/VS Message Library. It documents the mass storage system messages (with prefixes ICB and ICG) and the reason codes returned from the mass storage system communicator. "ICB" prefixed messages from the mass storage system communicator (including mass storage volume control message) are documented. "ICG" prefixed messages from the mass storage control table create program and the mass storage control trace report programs are documented.

Manual, 100 pages
 //30//3850,3851/5741,5752

GC38-1001

OS/VS1 SYSTEM MESSAGES

This manual is the basic manual of the message library for OS/VS1 systems. It contains messages for most system control program functions, including scheduler, supervisor, data management, system generation, and checkpoint/restart.

VS1 System Messages, when used with other appropriately chosen message library publications, enables effective use of VS1 messages. For messages documented, it contains pertinent data about:

- o an expanded explanation of the message text,
- o the resulting action of the system,
- o the response required of the operator and/or programmer,
- o and how to obtain the information necessary for problem determination.

It is written for operators, programmers, system support personnel - anyone who responds to system messages.

Manual, 400 pages
 //40//5741

GC38-1002

OS/VS MESSAGE LIBRARY: VS2 SYSTEM MESSAGES

This publication lists, explains, and suggests appropriate response to the messages issued by most IBM-supplied components of OS/VS2 MVS including scheduler, supervisor, data management, and system generation. The messages are presented in alphabetic order.

This publication includes the following selectable unit information:

VTAM2 VS2.03.801
 JES2 Release 4.0 VS2.03.803

Scheduler improvements VS2.03.804
 Supervisor Performance #2 VS2.03.807
 Data Management VS2.03.808
 IBM 3800 Printing Subsystem VS2.03.810
 TSO/VTAM Level 1 VS2.03.813
 Service Data Improvements VS2.03.817
 JES3 3850 Mass Storage System 5752-818
 MSS Enhancements 5752-824
 JES2 Release 4.1 5752-825
 3838 Vector Processing Subsystem Support 5752-829
 System Security Support 5752-832
 Dumping Improvements 5752-833
 Processor Support 5752-851
 Hardware Recovery Enhancements 5752-855
 TSO/VTAM Level 2 5752-858
 Data Management Support 5752-860
 This publication also includes the following Program

Product information:
 Access Method Services Cryptographic Option 5740-AM8
 MVS/System Extensions Release 1 5740-XE1
 NJE Facility for JES2 Release 3 5740-XR8
 RMF Version 2 Release 2 5740-XY4
 Programmed Cryptographic Facility 5740-XY5

Manual, 8 1/2 x 11 inches, 600 pages
 //40///5752

GC38-1003

OS/VS1 SYSTEM CODES

This publication lists the system completion codes and wait state codes for VS1.
 Each code is explained, and where appropriate, a programmer response is suggested.
 Problem determination actions accompany problem identifying codes.
 Manual, 72 pages
 //40///5741

GC38-1007

OS/VS LINKAGE EDITOR AND LOADER MESSAGES

This publication lists, explains, and suggests appropriate responses for the messages issued by the OS/VS linkage editor and loader programs. The messages are grouped by component and listed in alphanumeric order.

The associated publication is:

o OS/VS Linkage Editor and Loader, GC26-3813
 Manual, 21 pages
 //31///5741

GC38-1008

OS/VS MESSAGE LIBRARY: VS2 SYSTEM CODES

This publication lists, explains, and suggests appropriate responses for the system codes and state codes produced by IBM-supplied components of OS/VS2 MVS. The codes are presented in alphanumeric order.

This publication includes the following Selectable Unit information:

Supervisor Performance #1	VS2.03.805
Supervisor Performance #2	VS2.03.807
Data Management	VS2.03.808
JES3 Release 2	VS2.03.812
TSO/VTAM Level 1	VS2.03.813
Service Data Improvements	VS2.03.817
JES3 3850 Mass Storage System	5752-818
JES3 Release 3	5752-826
Dumping Improvements	5752-833
TCAM Level 10	5752-836
Attached Processor System for Models 158/168	5752-847
Processor Support	5752-851
Hardware Recovery Enhancements	5752-855
TSO/VTAM Level 2	5752-858

This publication also includes the following Program

Product information:
 MVS/System Extensions Release 1 5740-XE1
 RMF Version 2 Release 2 5740-XY4

Manual, 8 1/2 x 11 inches, 92 pages, 6/78
 //40///5752

GC38-1009

OS/VS MESSAGE LIBRARY: VS2 TSO MESSAGES

This publication lists, explains, and suggests appropriate responses for the messages issued by the TSO control program and associated routines such as the PL/I and FORTRAN IV syntax checkers. Messages are grouped by component and listed in alphanumeric order.

Manual, 58 pages
 //39///5742

GC38-1010

OS/VS1 RES RTAM AND ACCOUNT MESSAGES

This book is intended for users of RES (Remote Entry Services) under VS1. The book contains messages produced by RTAM (Remote Terminal Access Method) and by the account facility. The messages are presented in message number order. In addition to the text of the message, an explanation of it is given together with the action the system takes and the expected response, if any, of the operator and/or programmer.

This book is part of the Message Library and need be included in the library only when RES is used.
 Manual, 80 pages

/C/30///5741

GC38-1011

SYSTEM/370 SUBSYSTEM SUPPCRT SERVICES (LEVELS 4 & 5) MESSAGES

This publication is a part of the OS/VS Message Library, it documents OS/VS1 and OS/VS2 messages for the subsystem support services component.

Associated Publications - The publication that introduces the concepts and terminology relevant to all of the messages is:

IBM System/370 Subsystem Support Services User's Guide, GC30-3022

Manual

/C/30///3660,3663,3661,3790,3791,3600,3601,3602,3650,3651/
 5741,5752,5742

GC38-1012

OS/VS MESSAGE LIBRARY: JES3 MESSAGES JES3 RELEASE 3

Provides all operator messages issued by JES3. Applies to Release 3 (Selectable Unit ID 5752-826).

Manual, 8 1/2 x 11 inches, 238 pages, 8/78
 //40///5752-826

SC38-1014

OS/VS2 MVS RACF MESSAGES & CODES, PROG PRCD 5740-XXB

This publication lists the messages and codes produced by Version 1 Release 2 of the RACF program product. It contains explanations for RACF system operator messages, routing and descriptor codes, completion codes, command messages, and other messages issued by RACF.

It is intended for system operators and RACF-defined users who issue RACF commands, run RACF utilities, and maintain RACF-protected resources.

Manual, 8 1/2 x 11 inches, 40 pgs, 5/77
 //40///5740-XXB

GC38-1045

IFCEREF0 MESSAGES

This publication lists the messages produced by the IFCEREF0 and IFCEREF1 programs. Each message is explained, and where appropriate a programmer response is suggested.

Manual, 8 1/2 x 11 inches, 12 pgs, 12/77
 //40///5741,5749,5752

GC38-1046

OS/VS MESSAGE LIBRARY: VS2 TSO TERMINAL MESSAGES

This publication contains TSO messages that may be sent to the terminal user or may appear in the output from a background job. The message descriptions include the message text, a brief description of why the message was issued, the modules associated with the message, and the external name of the program that issued the message.

This publication applies to OS/VS2 Release 3.7 and all subsequent releases until otherwise indicated, and contains information that applies to the following selectable units:

TSO/VTAM Level 1 (VS2.03.813)
System Security Support (5752-832)
TSO/VTAM Level 2 (5752-858)

Manual, 8 1/2 x 11 inches, 58 pages, 10/78
 //40///5752,5752-IT#

GC38-1101

OS/VS1 ROUTING & DESCRIPTOR CODES

This publication lists the routing and descriptor codes of OS/VS1 messages as they are assigned by IEM. Most messages in the system are issued by the WTO and WTCR macro statements, which have routing and descriptor code parameters.

This is a reference publication for a limited and specific audience: those who wish to alter the code assignments. It can be helpful, for example, to the user whose system has multiple console support (MCS) and who is rerouting messages to certain consoles.

In this manual, message identifiers (IDs) are listed in alphanumeric order; message texts are not given. Descriptor codes appear to the left of the message IDs, and the routing codes to the right.

For additional information like message texts and explanations, you must refer to other publications in the OS/VS Message Library.

Manual, 30 pages, 11/76
 //40///5741

GC38-1102

OS/VS MESSAGE LIBRARY: VS2 ROUTING AND DESCRIPTOR CODES

This publication documents the routing and descriptor codes assigned by IEM programming to OS/VS2 MVS messages through WTO/WTOR macro parameters. The message IDs are presented in alphanumeric order.

This publication includes the following Selectable Unit information:

VTAM2	VS2.03.801
JES2 Release 4.0	VS2.03.803
Scheduler Improvements	VS2.03.804
Supervisor Performance #2	VS2.03.807
IBM 3800 Printing Subsystem	VS2.03.810
Service Data Improvements	VS2.03.817
MSS Enhancements	5752-824
JES2 Release 4.1	5752-825

3838 Vector Processing Subsystem Support 5752-829
 System Security Support 5752-832
 Dumping Improvements 5752-833
 TCAM Level 10 5752-836
 Processor Support 5752-851
 Hardware Recovery Enhancements 5752-855
 This publication also includes the following Program
 Product Information:
 MVS/System Extensions Release 1 5740-XE1
 NJE Facility for JES2 Release 3 5740-XR8
 RMP Version 2 Release 2 5740-XY4
 Programmed Cryptographic Facility 5740-XY5
 Manual, 8 1/2 x 11 inches, 52 pages, 6/78
 //40///5752

GC66-0009

3600 FINANCE COMMUNICATION SYSTEM 3624 CONSUMER TRANSACTION FACILITY PROGRAMMER'S REFERENCE AND COMPONENT DESCRIPTIONS
 This book is a reference manual that tells how the IBM 3624 Consumer Transaction Facility works and defines the interface between the 3624 and an application program. It contains hardware descriptions and programming information required by the system analyst, system programmer, and application programmer who plan to design, implement and install a 3624 system. The companion manual IBM 3600 Finance Communication System: IBM 3624 Consumer Transaction Facility Programmer's Guide, GC66-0008, tells how to write an effective 3624 application program based on this information.
 Manual, 8 1/2 x 11 inches, 442 pages, 12/78
 //08//3624/

LDB3-0022

SUPPLEMENT FOR MVS SYSTEM EXTENSIONS TO DIRECTORY, 5740-XE1
 This publication contains directory reference information about the contents and organization of the program product 5740-XE1. A directory shows the relationship between load module names, CSECT names or reference names, entry point names and alias names.
 This publication is intended primarily for IBM Programming Support Representatives for use in installing and debugging this program product. The user of this product should have a working knowledge of OS/VS2 functions and logic.
 Microfiche, 1 card, 1/78
 //5740-XE1

LDB3-0023

SUPPLEMENT FOR MVS/SE TO SYMBOL USAGE TABLE, 5740-XE1
 This publication provides OS/VS2 MVS Symbol Usage Table information for use in installing and debugging the program product. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
 Microfiche, 1 card, 2/78
 //5740-XE1

LDB3-0024

SUPPLEMENT FOR OS/VS2 MVS SYSTEM EXTENSIONS TO DATA AREA USAGE TABLE, 5740-XE1
 This publication provides OS/VS2 MVS Data Area Usage Table information for use in installing and debugging the program product. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
 Microfiche, 1 card, 1/78
 //5740-XE1

LDB3-0072

OS/VS2 MVS RMP, LIC PROG 5740-XY4, DATA AREAS MICROFICHE
 No abstract available.
 Microfiche, 1 card, 12/77
 //5740-XY4

LDB3-0073

OS/VS2 MVS RMP2, DIRECTORY MICROFICHE
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 1 card, 11/77
 //5740-XY4

LDB3-0074

SUPPLEMENT FOR MVS RMP TO DATA AREA USAGE TABLE, 5740-XY4
 This publication provides OS/VS2 MVS Data Area Usage Table information for use in installing and debugging the program product. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
 Microfiche, 1 card, 2/78
 //5740-XY4

LDB3-0075

SUPPLEMENT FOR VS2 MVS RMP TO SYMBOL USAGE TABLE, 5740-XY4
 This publication provides OS/VS2 MVS Symbol Usage Table information for use in installing and debugging the program product. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
 Microfiche, 1 card, 1/78
 //5740-XY4

LDB3-0083

SUPPLEMENT FOR MVS ACF/TCAM MULTISYSTEM NETWORKING FACILITY TC DATA AREA USAGE TABLE, 5735-RC1
 This publication provides OS/VS2 MVS Data Area Usage Table information for use in installing and debugging the program product. The user of this publication should have a working knowledge of CS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
 Microfiche, 3/78
 //5735-RC1

LDB3-0084

SUPPLEMENT FOR OS/VS2 MVS ACF/TCAM MULTISYSTEM NETWORKING FACILITY TC SYMBOL USAGE TABLE, 5735-RC1
 This publication provides CS/VS2 MVS Symbol Usage Table information for use in installing and debugging the program product. The user of this publication should have a working knowledge of CS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
 Microfiche, 1 card, 3/78
 //5735-RC1

LDB3-0085

SUPPLEMENT FOR OS/VS2 MVS ACF/TCAM MULTISYSTEM NETWORKING FACILITY TC BASE DATA AREA USAGE TABLE, 5735-RC1
 This publication provides OS/VS2 MVS Data Area Usage Table information for use in installing and debugging the program product. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
 Microfiche, 1 card, 3/78
 //5735-RC1

LDB3-0086

SUPPLEMENT FOR OS/VS2 MVS ACF/TCAM MULTISYSTEM NETWORKING FACILITY TO BASE SYMBOL USAGE TABLE, 5735-RC1
 This publication provides OS/VS2 MVS Symbol Usage Table information for use in installing and debugging the program product. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
 Microfiche, 1 card, 3/78
 //5735-RC1

SDB3-0133

SUPPLEMENT TO OS/VS2 MVS PROCESSOR SUPPORT 2 DATA AREAS MICROFICHE LISTINGS
 This publication provides OS/VS2 MVS Data Areas for use in debugging user or system programs. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
 Microfiche, 45x, 1 card, 3/79
 //5752-864

SDB3-0134

SUPPLEMENT TO OS/VS2 MVS PROCESSOR SUPPORT 2 DIRECTORY MICROFICHE LISTINGS
 This publication contains directory reference information about the contents and organization of this SU. A directory shows the relationship between load module names, CSECT names or reference names, entry point names and alias names. This publication is intended primarily for IBM Programming Support Representatives for use in debugging user or system programs. The user of this publication should have a working knowledge of OS/VS2 functions and logic.
 Microfiche, 45x, 1 card, 3/79
 //5752-864

SDB3-0135

SUPPLEMENT FOR OS/VS2 MVS PROCESSOR SUPPORT 2 DATA AREA USAGE TABLE
 This publication provides OS/VS2 MVS Data Area Usage Table information for use in debugging user or system programs. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
 Microfiche, reduced 45x, 1 card
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SDB3-0136

SUPPLEMENT FOR OS/VS2 MVS PROCESSOR SUPPORT 2 SYMBOL USAGE TABLE MICROFICHE LISTING
 This publication provides OS/VS2 MVS Symbol Usage Table information for use in debugging user or system programs. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
 Microfiche, reduced 45x, 1 card
 SLSS - ORDER NO. SUBSCRIPTION ONLY

LD12-5000

SUPPLEMENT FOR DOS/VSE SUPERVISOR LOGIC, SY33-8557-5 LIC PROG 5746-XE8
 This publication provides replacement and/or supplementary pages for the DOS/VSE Supervisor Logic. These pages, when incorporated in the DOS/VSE publication, document the use of the facilities available with VSE/Advanced Functions.
 Manual, 8 1/2 x 11 inches, 296 pgs, 2/79

////5746-XE8

LD12-5001

SUPPLEMENT FOR VSE/ADVANCED FUNCTIONS TO DOS/VSE LOGICAL TRANSIENTS AND DUMP PHASES LOGIC 5746-XE8
This publication provides replacement and/or supplementary pages for DOS/VSE Logical Transients and Dump Phases Logic. These pages, when incorporated in the base publication, document the use of the facilities available with VSE/Advanced Functions.
Manual, 8,5 x 77 inches, 94 pages, 2/79
////5746-XE8

LD12-5002

SUPPLEMENT FOR VSE/ADVANCED FUNCTIONS TO DOS/VSE SERVICEABILITY AIDS LOGIC, 5746-XE8
This System Library Supplement contains the logic updates for VSE/Advanced Functions to the DOS/VSE Serviceability Aids Logic manual.
Manual, 8 1/2 x 11 inches, 28 pages, 2/79
////5746-XE8

LD12-5003

SUPPLEMENT FOR DOS/VSE ADVANCED FUNCTIONS INITIAL PROGRAM LOAD AND JOB CONTROL LIC PROG 5746-XE8 LOGIC
This supplement contains changed pages for DOS/VSE Initial Program Load and Job Control Logic, SY33-8555-4 for VSE/Advanced Functions.
Manual, 8 1/2 x 11 inches, 178 pgs, 2/79
////5746-XE8

LD12-5004

SUPPLEMENT FOR VSE/ADVANCED FUNCTIONS TO DOS/VSE LINKAGE EDITOR LOGIC
This supplement contains changed pages for DOS/VSE Linkage Editor Logic, SY33-8556-3 for VSE/Advanced Functions. It describes support for up to seven partitions, library device independence, fast linkage editor, and support of access control.
Manual, 8 1/2 x 11 inches, 26 pages, 2/79
////5746-XE8

LD12-5005

SUPPLEMENT FOR VSE/ADVANCED FUNCTIONS TO DOS/VSE LIBRARIAN LOGIC, 5746-XE8
VSE/Advanced Functions, Supplement to DOS/VSE Librarian Logic. This supplement contains changed pages for DOS/VSE Librarian Logic. It describes support for Access Control and Library Device Independence.
Manual, 8 1/2 x 11 inches, 22 pages, 2/79
////5746-XE8

LD12-5006

VSE/ADVANCED FUNCTIONS, 5746-XE8, SUPPLEMENT TO DOS/VSE SYSTEM UTILITIES LOGIC
The publication provides replacement pages for publication DOS/VSE System Utilities Logic. These pages, when incorporated in the DOS/VSE publication, document the use of the facilities available with VSE/Advanced Functions.
Manual, 8 1/2 x 11 inches, 6 pages, 2/79
////5746-XE8

SD12-5007

SUPPLEMENT FOR OPERATOR'S LIBRARY DOS/VSE OPERATING PROCEDURES LIC PROG 5746-XE8
This publication provides replacement and supplementary pages for DOS/VSE Operating Procedures. It documents the use of the Automated System Initialization (ASI) procedure which is available with VSE/Advanced Functions.
Manual, 8 1/2 x 11 inches, 76 pgs, 2/79
////5746-XE8

LD21-0002

SUPPLEMENT TO LY30-3036-0, ADVANCED COMMUNICATIONS FUNCTION FOR TCAM MULTISYSTEM NETWORKING FACILITY, LIC PROG 5735-RC1, LOGIC
Provides information required for persons involved in keeping the program operational.
This publication is a reference manual for the ACP/TCAM multisystem networking facility, feature number 6001. It contains an introduction, a method of operation section, and a program organization section.
PREREQUISITE PUBLICATIONS
Advanced Communication Function for TCAM Logic, LY30-3036-0
Manual, 8 1/2 x 11 inches, 20 pgs, 12/77
////5735-RC1

LD21-0003

SUPPLEMENT TO LY30-3037-0, ADVANCED COMMUNICATION FUNCTION FOR TCAM MULTISYSTEM NETWORKING FACILITY, LIC PROG 5735-RC1, REFERENCE SUMMARY
Provides information required for persons involved in keeping the program operational.
This publication is a reference manual for the ACP/TCAM multisystem networking facility, feature number 6001. It contains data area layouts and a list of ACP/TCAM modules by library.

PREREQUISITE PUBLICATIONS

Advanced Communication Function for TCAM Program Reference Summary, LY30-3037-0.
Manual, 8 1/2 x 11 inches, 20 pgs, 12/77
////5735-RC1

SD23-0002

SUPPLEMENT FOR MVS/SE: DEBUGGING HANDBOOK VOL. 2, PROG PROD 5740-XE1
This supplement contains changes to data areas supporting the MVS/System Extensions SU.
Manual, 3 3/4 x 6 3/4 inches, 30 pages, 11/77
////5740-XE1

SD23-0003

SUPPLEMENT FOR OS/VS2 MVS SYSTEM PROGRAMMING LIBRARY I/O INITIALIZATION AND TUNING GUIDE, 5740-XE1
MVS/System Extensions does not support system activity measurement facility (MF/1) and dynamic support system (DSS). All references to MF/1 including "Part 4: How to use System Activity Measurement Facility (MF/1)", have been deleted. In addition, the section, "Changes to Initialization Parameters" found in Part 2 has been deleted. For a list of parameters that have changed or that are no longer supported, see VS2 Conversion Notebook, GC28-0689-4.
The following is added in support of MVS/System Extensions:

- o The ALT parameter is added to identify an alternate nucleus.
- o A new member (IECIOSxx) is added to SYS1.PARMLIB to provide installation control of channel selection algorithms.
- o Changes to SYS1.PARMLIB member IEAIPsxx provide installation control of:
 - SRE execution time included in the service definition.
 - Target multiprogramming levels by specifying target control keywords.
 - Dispatching priorities including: Automatic Priority group (APG) function, fixed, xstate, and mean-time-to-wait groups, and time slicing.
 - I/C requests that are deferred on a logical channel.
- o Demand (logical) swapping is added as a resource use function of the SRM
- o Maintenance changes are included throughout the publication.

This supplement provides updated information to support MVS/System Extensions Release 2 as follows:

- A new SYS1.PARMLIB member IEAICSxx, which provides a central place for assigning performance groups.
 - Addition of many internal SRM constants to the IEAOPtxx SYS1.PARMLIB member.
 - Improvements in resource control:
 - Storage isolation
 - Selectivity of Storage, CPU, and I/C load balancers
 - Extended I/C priority queueing
 - TSO response time objective
- Manual, 8 1/2 x 11 inches, 248 pages, 5/79
////5740-XE1

SD23-0005

SUPPLEMENT FOR OS/VS2 MVS TO SYSTEM MANAGEMENT FACILITIES (SMF), 5740-XE1

The changes that support MVS/System Extensions are as follows:

- o Additional fields have been added to the relocate section for Record Types 4 and 34.
- o Relocate sections for job related service data have been added to Record Types 5 and 35.
- o References to the new fields have been added to "Appendix A: Field-to-record Cross-Reference".
- o Changes have been made to "Appendix C: CPU Time".

This supplement provides updated information to support MVS/System Extensions Release 2 as follows:

- Addition of four new records:
 - type 23 - SMF Status Record
 - type 30 - Common Address Space Work Record
 - type 32 - TSO User Work Accounting Record
 - type 90 - System Status Record
 - Addition of a new SMS dump program (IFASMPDP)
 - Addition of new parameters to define the use of SMF (SMFPRMxx)
 - Addition of the SET SMF and DISPLAY SMF commands
 - Addition of a user-exit routine (IPF084)
 - Addition of five new macro instructions to facilitate writing of user-exit routines
 - Provide a new direction in billing (transaction billing)
 - SMF recording is now done on VSAM data sets
- Manual, 8 1/2 x 11 inches, 236 pages, 5/79
////5740-XE1

SD23-0006

SUPPLEMENT FOR OS/VS2 SYSTEM PROGRAMMING LIBRARY TO SUPERVISOR, 5740-XE1

This supplement to S.P.L. Supervisor includes the following changes in support of MVS/System Extensions:

- o The addition of four new macro instructions.
 - INTSECT--Intersect with the dispatcher.
 - PGFIXA--Fast path to fix virtual storage contents.

- PGFREEA--Fast path to free virtual storage contents.
- PROTPSA--Disable/enable low address protection.
- o The RPSGNL macro instruction has been changed to add the MEMSWT parameter.
- o The SCHEDULE macro instruction has been changed to add the LLOCK, FRR, CLEAR, COMPAT, and DISABLED parameters.
- o The SETLOCK macro instruction has been changed to support additional specifications for the TYPE parameter.
- o The STATUS macro instruction has been changed to support additional specifications for the SRB parameter.
- o The RESUME macro instruction has been changed to support a conditional/unconditional RESUME.
- o Locking- changes have been made in the functions of the Global dispatcher lock (DISP) and the general cross memory services lock (CMS). A new lock, ENQ/DEQ cross memory services lock (CMBEQDQ), has been established.

This supplement to SPL: Supervisor includes the following changes in support of MVS/System Extensions Release 2.

- Addition of the SMP cross memory services lock (CMSMP)
 - Addition of a description on using the SRM reporting interface
 - Addition of the SYBEVENT macro instruction
- Manual, 8 1/2 x 11 inches, 116 pages, 5/79
 ////5740-XE1

LD23-0010

SUPPLEMENT FOR MVS/SE: SYSTEM INITIALIZATION LOGIC, PROG PROD 5740-XE1
 This supplement contains updates to the System Initialization Logic supporting the MVS/System Extensions SD.
 Manual, 8 1/2 x 11 inches, 150 pages, 11/77
 ////5740-XE1

LD23-0011

SUPPLEMENT FOR MVS/SE: IOS LOGIC, PROG PROD 5740-XE1
 This supplement contains updates to the I/O Supervisor Logic in support of the MVS/System Extensions SU.
 Manual, 8 1/2 x 11 inches, 50 pages, 10/77
 ////5740-XE1

LD23-0013

SUPPLEMENT FOR MVS/SE: SERVICE AIDS LOGIC, PROG PROD 5740-XE1
 This supplement to OS/VS2 Service Aids Logic Provides changes to AMDPRDMP Logic in support of MVS System Extensions.
 Manual, 8 1/2 x 11 inches, 6 pgs 11/77
 ////5740-XE1

LD23-0014

SUPPLEMENT FOR MVS/SE: VOL 1 LOGIC, PROG PROD 5740-XE1
 This supplement to SLL, Vol. 1 includes the following changes in support of MVS/System Extensions:

- An extensive revision to the introduction to the System Resources Manager (SRM) that describes new enhancements
- An addition to the introduction to Supervisor Control that describes the use of the INTSECT macro for serialization of dispatching queues

This is introductory information intended for use by the PSR or customer system programmer.

Also included in this volume are hits to the TOC and Index caused by System Extensions hits to the other volumes of the SLL.

Manual, 8 1/2 x 11 inches, 90 pages, 11/77
 ////5740-XE1

LD23-0015

SUPPLEMENT FOR MVS/SE: VOL 2 LOGIC, PROG PROD 5740-XE1
 This supplement to SLL, Vol. 2 includes the following changes in support of MVS/System Extensions:

- A new HIPO diagram for Syntax Checking the IPS
- Changes to SETDMN Command Processing HIPO to reflect keyword changes
- Changes to Quiesce processing
- Changes to PSA protection and low address protection

This information is intended for use by the PSR or customer system programmer responsible for maintaining or modifying MVS.

Manual, 8 1/2 x 11 inches, 35 pages, 11/77
 ////5740-XE1

LD23-0016

SUPPLEMENT FOR MVS/SE: VOL 3 LOGIC, PROG PROD 5740-XE1
 This supplement to SLL, Vol. 3 documents enhancements to the System Resources Manager (SRM) in support of System Extensions.

This information is intended for use by the PSR or customer system programmer responsible for maintaining or modifying MVS.

Manual, 8 1/2 x 11 inches, 105 pages, 11/77
 ////5740-XE1

LD23-0017

SUPPLEMENT FOR MVS/SE TO VOL 4 LOGIC, PROG PROD 5740-XE1
 This supplement contains updates to the Timer Supervisor, Supervisor Control, Program Management and Recovery/Termination Management sections of volume for MVS/System Extensions.
 Manual, 8 1/2 x 11 inches, 320 pgs, 10/77
 ////5740-XE1

LD23-0018

SUPPLEMENT FOR MVS/SE: VOL 5 LOGIC, PROG PROD 5740-XE1
 This supplement to SLL, Vol. 5 includes changes to BIPO diagrams in support of the following:

- Changes to preferred area steal processing
- New PFTE counts
- Changed page I/O post processing
- Changed page invalidation routine

This information is intended for use by the PSR or customer system programmer responsible for maintaining or modifying MVS.

Manual, 8 1/2 x 11 inches, 45 pages, 11/77
 ////5740-XE1

LD23-0019

SUPPLEMENT FOR MVS/SE: VOL 6 LOGIC, PROG PROD 5740-XE1
 This supplement to SLL, Vol. 6 includes changes to module flow diagrams to incorporate the new SRM fast interface path and the modified RSM module flow. It also includes changes to the module descriptions for the dispatcher and the trace routine, and new module descriptions for the interact service routine, the free locks routine, and the SRM fast interface path.

This information is intended for use by the PSR or customer system programmer responsible for maintaining or modifying MVS.

Manual, 8 1/2 x 11 inches, 90 pages, 11/77
 ////5740-XE1

LD23-0020

SUPPLEMENT FOR MVS/SE TO VOL 7 LOGIC, PROG PROD 5740-XE1
 This supplement contains updates to the Data Areas and Diagnostic Aids sections for MVS/System Extensions.
 Manual, 8 1/2 x 11 inches, 80 pgs, 10/77
 ////5740-XE1

SD23-0036

SUPPLEMENT FOR MVS PROCESSOR SUPPORT TO SERVICE AIDS LOGIC, 5752-851
 This supplement contains, in addition to functions available in the initial release of VM/370 System Extensions, the following:

- Dynamic SCP Transition to and From Native Mode
- Single Processor Mode in AP and MP Systems
- CMS/DOS Uplevel to DCB/VSE
- APL/Text Support for 3270
- Support for the 3289 Model 4 Printer
- Support for the IBM 3310 and 3370 Direct Access Device

Manual, 8 1/2 x 11 inches,
 ////5752-851

SD23-0038

SUPPLEMENT FOR SU51: MVS PROCESSOR SUPPORT, 5752-851
 This supplement to SLL, Vol. 1 includes the new index entries in the master index as a result of documentation hits in Vol. 2 caused by Processor Support. This information is intended for use by the PSR or customer system programmer responsible for maintaining or modifying MVS.

Manual, 8 1/2 x 11 inches, 80 pages, 11/77
 ////5752-851

SD23-0039

SUPPLEMENT FOR SU51: MVS PROCESSOR SUPPORT, 5752-851
 This supplement to SLL, Vol. 2 documents the support for the 3033 processor. This information is intended for use by the PSR or customer system programmer responsible for maintaining or modifying MVS.

Manual, 8 1/2 x 11 inches, 35 pages, 11/77
 ////5752-851

SD23-0061

SUPPLEMENT FOR MVS/SYSTEMS EXTENSIONS RELEASE TO OPERATORS LIBRARY DCS/VS2 MVS SYSTEM COMMANDS, 5740-XE1

- The DISPLAY R command has been changed in support of the action message retention facility.
- The DISPLAY SMP command has been added to display the status of SMF data sets or the current SMF options in effect.
- The SET command has been changed to allow the changing of SRM specifications and SMF parameters.
- The Control command has been changed in support of the action message retention facility.

Manual, 8 1/2 x 11 inches, 72 pages, 5/79
 ////5740-XE1

SD23-0062

SUPPLEMENT FOR MVS/SE TO DIAGNOSTIC TECHNIQUES, 5740-XE1
 This supplement contains replacement pages for MVS Diagnostic Techniques to support MVS/System Extensions.

MVS/System Extensions has the following prerequisites:

- Scheduler Improvements (SU4)
 - Supervisor Performance #1 (SU5)
 - Supervisor Performance #2 (SU7)
 - Scheduler/IOS Support (SU16)
 - Service Data Improvements (SU17)
 - EREF Modifications (SU27)
 - Dumping Improvements (SU33)
 - Processor Support (SU51)
 - Hardware Recovery Enhancements (SU55)
- Manual, 8 1/2 x 11 inches, 184 pages, 1/78
 ////5740-XE1

SD23-0064

OS/VS2 MVS TSO/VTAM FOR ACF/VTAM: TSO COMMAND LANGUAGE REFERENCE

This supplement contains replacement pages for TSO Command Language Reference to support OS/VS2 MVS TSO/VTAM for ACF/VTAM. Larger screen sizes for 3270 Display Stations are included. This is a supplement to GC28-0646-3.
 Manual, 8 1/2 x 11 inches, 4 pages, 1/77
 ////5735-RC2

SD23-0065

SUPPLEMENT FOR OS/VS2 TSO GUIDE TO WRITING A TMP OR A CP ACF/VTAM, 5735-RC2

TO WRITING A TMP OR CP
 This publication has been updated to describe the following enhancements: the NOEDIT subparameter of TPUT, additional devices supported by TSO/VTAM, return codes to support TGET, and the use of TSO/VTAM full-screen mode with the STFSMODE and STLINEO macros.
 Manual, 8 1/2 x 11 inches, 28 pages, 8/79
 ////5735-RC2

SD23-0070

SUPPLEMENT FOR RMF VER 2, MVS/SE, PROG PROD 5740-XY4

This publication describes how to use the Resource Measurement Facility (RMF) Version 2, Release 2, MVS/System Extensions Support. The changes and additions included support the MVS/System Extensions Program Product (Program Number 5740-XE1) or any compatible product. This information is intended for the system programmer responsible for installing or removing RMF and modifying its functions, for system personnel responsible for measuring and improving system performance, and for the operator and terminal user.
 Manual, 8 1/2 x 11 inches, 126 pages, 11/77
 ////5740-XY4

LD23-0071

SUPPLEMENT FOR RMF VER2 LOGIC, PROG PROD 5740-XY4

This is a Supplement which describes the logic for RMF Version 2, Release 2, MVS/System Extensions Support Program Product.
 Manual, 8 1/2 x 11 inches, 54 pgs, 11/77
 ////5740-XY4

GD23-0090

SUPPLEMENT FOR VS1 AND MVS PROGRAMMED CRYPTOGRAPHIC FACILITY TO SMP VS2 SYSTEM PROGRAMMING LIBRARY, 5740-XY5

This supplement provides updated information to support the Programmed Cryptographic Facility Program Product.
 Manual, 48 pages, 3/78
 ////5740-XY5

GD23-0097

SUPPLEMENT FOR SU826 TO OS/VS2 MVS SYSTEM MANAGEMENT FACILITIES (SMP), JES3 REMOTE JOB PROCESSING, 5752-826

Summary of Amendments: Changes that support JES3 have been made to SMP Record types 25, 47, 48, and 49.
 Manual, 54 pgs, 8/78
 ////5752-826

GD23-0108

SUPPLEMENT FOR OS/VS2 MVS SYSTEM PROGRAMMING LIBRARY: SYSTEM MANAGEMENT FACILITIES (SMP), 5735-RC2

Record type 50 ACF/VTAM Tuning Statistics is added.
 Manual, 6 pages, 10/78
 ////5735-RC2

GD23-0109

OS/VS2 MVS PROCESSOR SUPPORT 2: SYSTEM MESSAGES

This supplement contains the new and updated system messages issued by the Processor Support 2 selectable unit.
 Manual, 8 1/2 x 11 inches, 134 pages, 12/78
 ////5752-864

GD23-0110

OS/VS2 MVS PROCESSOR SUPPORT 2: ROUTING AND DESCRIPTOR CODES

GD23-0110-0 is a supplement that contains the new and updated routing and descriptor codes information for the system messages issued by the Processor Support 2 selectable unit.
 Manual, 8 1/2 x 11 inches, 24 pages, 12/78
 ////5752-864

GD23-0111

SUPPLEMENT FOR OS/VS2 MVS PROCESSOR SUPPORT 2: SYSTEM CODES TO OS/VS MESSAGE LIBRARY V82 SYSTEM CODES (SUID 5752-864)

GD23-0111-0 is a supplement that contains the new and updated system codes issued by the Processor Support 2 selectable unit.
 Manual, 8 1/2 x 11 inches, 38 pages, 12/78
 ////5752-864

GD23-0112

SUPPLEMENT FOR OS/VS2 MVS PROCESSOR SUPPORT 2 - SU64 TO OPERATOR'S LIBRARY: OS/VS2 MVS SYSTEM COMMANDS (SUID 5752-864)

This supplement to System Commands contains the following changes in support of Processor Support 2:

- Serviceability level indication processing (SLIP) enhancements
- CONTROL Q command
- DISPLAY M=CONFIG command
- Disabled console communication
- Disabled console communication
- Master trace
- Channel set switching
- Hot I/C
- Vary range of channels

Manual, 8 1/2 x 11 inches, 96 pages, 12/78
 ////5752-864

GD23-0113

SUPPLEMENT FOR MVS SUPERVISOR: PROCESSOR SUPPORT 2, SU64, 5752-864

The following is added in support of Processor Support 2:

- An improved SLIP function to include FER events
 - An improved WTO function:
 - An authorized user can issue a multiple line WTO (MLWTO) of up to 255 lines with one WTO macro instruction
 - A new descriptor code 11 for critical eventual action messages
 - An improved MIB function to allow an installation to specify a primary and a secondary time limit
 - A new function to intercept hot I/O interruptions
- Manual, 8 1/2 x 11 inches, 68 pages, 12/78
 ////5752-864

GD23-0114

SUPPLEMENT FOR SU64 TO MVS SUPERVISOR SERVICES & MACRO INSTRUCTIONS: PROCESSOR SUPPORT II, 5752-864

Descriptor code II has been added for critical eventual action messages in support of MVS Processor Support II.
 Manual, 6 pages, 12/78
 ////5752-864

GD23-0116

SUPPLEMENT FOR OS/VS2 DEBUGGING HANDBOOK VOL 1, GC28-0708

No abstract available.
 Manual, 80 pages
 ////5752-864

GD23-0117

SUPPLEMENT FOR OS/VS2 MVS PROCESSOR SUPPORT 2 (SU64) TO DEBUGGING HANDBOOK, VOL 2 (SUID 5752-864)

This supplement contains updates in support of Processor Support 2 (SU64).
 Manual, 8 1/2 x 11 inches, 66 pages, 2/79
 ////5752-864

GD23-0118

SUPPLEMENT FOR OS/VS2 MVS PROCESSOR SUPPORT 2 (SU64) TO DEBUGGING HANDBOOK, VOL 3 (SUID 5752-864)

This supplement contains updated information supporting Processor Support 2 (SU64).
 Manual, 8 1/2 x 11 inches, 160 pages, 2/79
 #H#
 No abstract available.
 ////5752-864

GD23-0119

SUPPLEMENT FOR SU64 TO MVS INITIALIZATION AND TUNING GUIDE: PROCESSOR SUPPORT II, 5752-864

- The following is added in support of MVS Processor Support II.
- A new member (CONFIGxx) is added to SYE1.PARMLIB to allow an installation to define a standard configuration that is compared with the current configuration.
 - Addition of the MT keyword to the COMMNDxx parmlib member.
 - Addition of the explanation of the eligible device table generation (EDTGEN) and multiple eligible device tables (EDTs).

Manual, 8 1/2 x 11 inches, 72 pages, 12/78
 ////5752-864

GD23-0120

SUPPLEMENT FOR OS/VS2 MVS PROCESSOR SUPPORT II TO OS/VS2 JOB MANAGEMENT (SUID 5752-864)

This document describes the following enhancements to the MVS system for SU64:

- Multiple versions of the device allocations tables
 - Device allocation verification program
 - SU64 informational messages to the operator warning of mismatched UCBS.
- Manual, 8 1/2 x 11 inches, 12 pages, 2/79
 ////5752-864

GD23-0121
SUPPLEMENT FOR SU64 TO MVS SMF: PROCESSOR SUPPORT II,
 5752-864
 Record type 22 has been changed to support Processor Support II.
 Manual, 8 1/2 x 11 inches, 10 pages, 12/78
 ////5752-864

GD23-0122
SUPPLEMENT FOR OS/VS2 MVS PROCESSOR SUPPORT 2 (SU64) OS/VS2
MVS SYSTEM PROGRAMMING LIBRARY: SERVICE AIDS
 This supplement contains replacement pages for Service Aids (GC28-0674) to support OS/VS2 MVS Processor Support 2 (SU64). It provides information for the serviceability level indication processing (SLIP) function for use with GTF and AMDPRMP.
 Manual, 8 1/2 x 11 inches, 40 pages, 2/79
 ////5752-864

SD23-0123
SUPPLEMENT TO MVS SYS INIT LOGIC SU64
 No abstract available.
 Manual
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SD23-0124
SUPPLEMENT FOR OS/VS2 SYSTEM LOGIC LIBRARY VOL 1
 This supplement contains updates to the introductions for the communications task and command processing, and a new entry for the master trace function.
 Manual, 8 1/2 x 11 inches, 108 pages, 2/79
 ////5752-864

SD23-0125
SUPPLEMENT FOR MVS PROCESSOR SUPPORT II TO SYSTEM LOGIC
LIBRARY VOL 2, (SUID 5752-864)
 This supplement contains updates to method-of-operation diagrams for communications task and command processing, including the addition of the SLIP/PER and Master Trace functions.
 Manual, 8 1/2 x 11 inches, 140 pages, 2/79
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SD23-0127
SUPPLEMENT FOR OS/VS2 MVS PROCESSOR SUPPORT 2
TO SYSTEM LOGIC LIBRARY, VOLUME 4 (SUID 5752-864)
 This supplement adds the SLIP/PER, spin loop time-out, and master trace functions to the method-of-operation diagrams for recovery termination management.
 Manual, 8 1/2 x 11 inches, 146, 2/79
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SD23-0128
SUPPLEMENT FOR OS/VS2 MVS PROCESSOR SUPPORT 2 TO SYSTEM
LOGIC LIBRARY VOL 5, (SUID 5752-864)
 This supplement updates the method-of-operation diagrams for the missing interruption handler.
 Manual, 8 1/2 x 11 inches, 62 pages, 2/79
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SD23-0129
SUPPLEMENT FOR OS/VS2 TSO TO TERMINAL USER'S GUIDE
ACF/VTAM 5735-RC2
 This publication has been updated to support additional devices supported by network terminal option and the invoking of the unformatted system service LOGOFF type (COND) to force a reconnect environment.
 Manual, 8 1/2 x 11 inches, 22 pages, 8/79
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SD23-0130
PROCESSOR SUPPORT 2, SU64 SYSTEM LOGIC LIBRARY, VOL 7
 This supplement contains updates in support of Processor Support 2 (SU64).
 Manual, 8 1/2 x 11 inches, 116 pages, 2/79
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SD23-0131
SUPPLEMENT FOR OS/VS 2 MVS PROCESSOR SUPPORT 2 (SU64) TO
OS/VS2 MVS SERVICE AIDS LOGIC, (SUID 5752-864)
 This supplement contains replacement pages for Service Aids Logic (SY28-0643) to support OS/VS2 MVS Processor support 2 (SU64). It provides information for the (1) serviceability level indication processing (SLIP) function for GTF and AMDPRMP, and (2) channel set switching capability in GTF.
 Manual, 8 1/2 x 11 inches, 74 pages, 2/79
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SD23-0132
SUPPLEMENT FOR SU64 TO TSC COMMAND PROCESSOR LOGIC VOL IV:
PROCESSOR SUPPORT 2
 To help the programmer follow the internal operation of the OPERATOR command using the SLIP subparameter. It also helps the programmer to determine the malfunctions that might be associated with this command.
 Manual, 8 1/2 x 11 inches, 8 pages, 1/79
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SD23-0139
SUPPLEMENT FOR OS/VS2 TSO TO TERMINAL USER'S GUIDE
 This supplement describes support for larger screen sizes for 3270 Display Stations.
 Manual, 8 1/2 x 11 inches, 4 pages, 1/79
 ////5735-RC2

SD23-0140
SUPPLEMENT FOR VS2 DEBUG HANDBOOK VOL 3
 No abstract available.
 Manual, 570 pages
 ////5740-XE1

GD23-0141
SUPPLEMENT FOR OS/VS2 MVS PROCESSOR SUPPORT 2 (SU64) TC
OS/VS2 SYSTEM PROGRAMMING LIBRARY: MVS DIAGNOSTIC
TECHNIQUES
 This supplement contains replacement pages for MVS Diagnostic Techniques (GC28-0725) to support OS/VS2 MVS Processor Support 2 (SU64). IEM provides information for the serviceability level indication processing (SLIP) and the master trace functions in SU64.
 Manual, 8 1/2 x 11 inches, 80 pages, 3/79
 ////5752-864

SD23-9006
SUPPLEMENT FOR SYSTEM EXTENSIONS TO VM/370 TERMINAL USER'S
GUIDE, PROG PROD 5748-XE1
 This supplement, supporting System Extensions, is for the terminal user who, in addition to the base publication GC20-1810-7, needs information about terminal support for enhanced 327x units.
 Manual, 8 1/2 x 11 inches, 3/78
 ////5748-XE1

SD23-9008
SUPPLEMENT FOR VM/370 SYSTEM EXTENSIONS TC CMS COMMANDS AND
MACRO REFERENCE, 5748-XE1
 This supplement in support of VM/370 System Extensions contains new and updated information about:

- CMS Tape Label Processing Support
- Full Screen Support
- Interactive Help Facility under CMS
- CMS File System Enhancements
- DMS/DOS Uplevel to DOS/VSE
- Display Control for the 3270
- Support for the IBM 3289 Model 4 Printer
- Support for the IBM 8809 Tape Unit
- Support for the IBM 3310 and 3370 Direct Access Devices

 Manual, 8 1/2 x 11 inches, 3/78
 ////5748-XE1

SD23-9009
SUPPLEMENT FOR VM/370 SYSTEM EXTENSIONS TC CMS USER'S GUIDE,
5748-XE1
 This supplement, in support of VM/370 System Extensions, contains new and updated information about:

- CMS Tape Label Processing Support
- Full Screen Support
- Interactive Help Facility under CMS
- DMS File System Enhancements
- Display Control for the 3270
- Support for the IBM 3289 Model 4 Printer
- Support for the IBM 8809 Tape Unit
- Support for the IBM 3310 and 3370 Direct Access Devices

 Manual, 8 1/2 x 11 inches,
 ////5748-XE1

SD23-9010
SUPPLEMENT FOR VM/370 SYSTEM EXTENSIONS TC GENERAL USERS
GUIDE, PROG PROD 5748-XE1
 This supplement corresponds to VM/370 System Extensions, Release 2, and contains new and updated information about:

- APL/Text Support for 3270
- Display Control for the 3270
- Support for the IBM 3289 Model 4 Printer
- Support for the IBM 3310 and 3370 Direct Access Devices

 Manual, 8 1/2 x 11 inches
 ////5748-XE1

SD23-9011
SUPPLEMENT FOR VM/370 SYSTEM EXTENSIONS TC OPERATING SYSTEMS
IN A VIRTUAL MACHINE, 5748-XE1
 This is the System Extensions Program Product Release 2 for the Release 6 base version of VM/370 Operating Systems in a Virtual Machine. This supplement contains, in addition to initial SEFP release functions, the following:

- Dynamic SCP Transition to and from Native Mode
- Single Processor Mode in AP and MP Systems

* Support for the IBM 3310 and 3370 Direct Access Devices
Manual, 8 1/2 x 11 inches, 3/78
/////5748-XX1

Manual, 8 1/2 x 11 inches
/////5748-XX8

LD23-9012

SUPPLEMENT FOR VM/370 SYSTEM EXTENSIONS TO VM/370 DATA AREAS AND CONTROL BLOCK LOGIC, PROG PROD 5748-XX1
This supplement contains new and updated information in support of VM/370 System Extensions.

- Shadow table maintenance facility
- Resource management facilities
- MVS/System Extensions support
- Virtual storage preservation support
- Accounting records-on-disk support
- Spool files-to-tape support
- CMS tape label processing
- Full screen support
- New terminal support

For a complete list of publications that support VM/370 System Extensions see IBM Virtual Machine Facility/370 System Extensions General Information Manual, GC20-1827.
Manual, 8 1/2 x 11 inches, 2/78
/////5748-XX1

SD23-9019

SUPPLEMENT FOR VM/370 BSEPP TO VM/370 SYSTEM MESSAGES, 5748-XX8

This supplement of VM/370 System Messages, GC20-1808, contains new and updated information for:

- Virtual storage preservation support
- Accounting records on disk support
- Spool file-to-tape support
- CMS tape label processing support
- Interactive Help facility under CMS
- CMS file system enhancements
- CMS/DCS uplevel of DOS/VSE
- Support for the IBM 3289 Model 4 Printer
- Support for the IBM 8809 Tape Unit
- Support for the IBM 3310 and 3370 Direct Access Devices

in support of VM/370 Basic System Extensions.
Manual, 8 1/2 x 11 inches
/////5748-XX8

LD23-9013

SUPPLEMENT FOR VM/370 SYSTEM EXTENSIONS TO SYSTEM LOGIC AND PROBLEM DETERMINATION VOL 2, 5748-XX1

This supplement contains new and updated information for CMS tape label processing in support of VM/370 System Extensions.

Manual, 8 1/2 x 11 inches, 3/78
/////5748-XX1

SD23-9020

SUPPLEMENT FOR VM/370 BSEPP TO VM/370 OITSEP AND ERRCR RECORDING GUIDE, 5748-XX8

OLTSEP and Error Recording Guide, Order No GC20-1809-7, together with Supplement No. SD23-9020, reflect the following enhancement for the IBM Virtual Machine Facility/370 Basic System Extensions Program Product (Program No. 5748-XX8):

- Support for the IBM 3310 and 3370 Direct Access Devices using fixed block architecture.

Manual, 8 1/2 x 11 inches
/////5748-XX8

LD23-9014

SUPPLEMENT FOR VM/SE TO VM/370 SYSTEM LOGIC AND PROBLEM DETERMINATION GUIDE VOL 1, 5748-XX1

No abstract available.

Manual
/////5748-XX1

SD23-9021

SUPPLEMENT FOR VM/370 BSEPP TO VM/370 TERMINAL USER'S GUIDE

This supplement, supporting Basic System Extensions, is for the terminal user who, in addition to the base publication, needs information about terminal support for enhanced 327x units.

Manual, 8 1/2 x 11 inches
/////5748-XX8

SD23-9015

SUPPLEMENT FOR VM/370 BSEPP TO VM/370 INTRODUCTION, 5748-XX8

This publication introduces VM/370 and is intended for anyone who is interested in VM/370. However, the reader should have a basic understanding of IBM data processing. This publication is a prerequisite for the VM/370 system library.

Manual, 8 1/2 x 11 inches
/////5748-XX8

SD23-9023

SUPPLEMENT FOR VM/370 BSEPP TO VM/370 CMS COMMAND AND MACRO REFERENCE, 5748-XX8

This supplement in support of VM/370 Basic System Extensions contains new and updated information about:

- CMS Tape Label Processing Support
- Full Screen support
- Interactive Help Facility under CMS
- CMS File System Enhancements
- CMS/DCS Uplevel to DOS/VSE
- Display Control for the 3270
- Support for the IBM 3289 Model 4 Printer
- Support for the IBM 8809 Tape Unit
- Support for the IBM 3310 and 3370 Direct Access Devices.
- Full screen support

Manual, 8 1/2 x 11 inches,
/////5748-XX8

SD23-9016

SUPPLEMENT FOR VM/370 BSEPP TO VM/370 PLANNING AND SYSTEM GENERATION GUIDE, 5748-XX8

This supplement includes:

- Virtual Storage Preservation Support
- Accounting - Records-on-Disk Support
- Spool - Files-to-Tape Support
- CMS Tape Label Processing Support
- Enhanced 3270 Support
- Interactive Help Facility Under CMS
- CMS File System Enhancements
- CMS/DOS Uplevel to DOS/VSE
- Small CP Option
- Support for the IBM 3289 Model 4 Printer
- Support for the IBM 8809 Tape Unit
- Support for the IBM 3310 and 3370 Direct Access Devices
- APL/Text Support for the 3270

Manual, 8 1/2 x 11 inches
/////5748-XX8

SD23-9024

SUPPLEMENT FOR VM/370 BSEPP TO CMS USER'S GUIDE, 5748-XX8

This supplement, in support of VM/370 Basic System Extensions contains new and updated information about:

- CMS Tape Label Processing Support
- Spool-Files-to-Tape Support
- Enhanced 3270 Support
- Interactive Help Facility under CMS
- CMS File System Enhancements
- CMS/DOS Uplevel to DOS/VSE
- Display Control for the 3270
- Support for the IBM 3289 Model 4 Printer
- Support for the IBM 8809 Tape Unit
- Support for the IBM 3310 and 3370 Direct Access Devices

Manual, 8 1/2 x 11 inches
/////5748-XX8

SD23-9017

IBM VM/370: BSEPP, LIC PROG 5748-XX8, OPERATORS GUIDE

The IBM Virtual Machine Facility/370 Basic System Extensions program product provides significant performance and functional enhancements to the VM/370 system control program. These enhancements are:

- Support for the IBM 3289 Model 4 Printer
- Support for the IBM 3310 and 3370 Direct Access Devices.
- CMS File System Enhancements to further support the IBM 3310 and 3370 Direct Access Devices
- CP Performance Improvements

Manual
/////5748-XX8

SD23-9025

SUPPLEMENT FOR VM/370 BSEPP TO VM/370 CP COMMAND REFERENCE FOR GENERAL USERS, 5748-XX8

This document supports the VM/370 Basic System Extensions Program Product. It contains:

- Resource management facilities subset
- Virtual storage preservation support
- Accounting-records-on-disk support
- Spool-files-to-tape support
- Full screen support
- Enhanced 3270 support
- APL/Text support for the 3270
- Device support for 4300 processors

Manual, 8 1/2 x 11 inches
/////5748-XX8

SD23-9018

SUPPLEMENT FOR VM/370 BSEPP TO VM/370 SYSTEM PROGRAMMER'S GUIDE, 5748-XX8

Provides the detailed information the system programmer needs to understand and use the VM/370 Basic System Extensions Program Product. This publication, which supplements the IBM Virtual Machine Facility/370 System Programmer's Guide, discusses:

- How VM/370 preserves virtual storage when a virtual machine becomes inoperative
- Changes to the method that VM/370 uses to manage the real processor
- Changes to the favored execution performance option
- Changes to the information provided by the INDICATE command
- Support for writing accounting records to disk and spool

SD23-9026

SUPPLEMENT FOR VM/370 BSEPP TO VM/370 OPERATING SYSTEMS IN A VIRTUAL MACHINE, 5748-XX8

This supplement to VM/370: Operating Systems in a Virtual Machine, GC20-1821-2 with TML GN25-0410, contains

replacement pages to support the VM/370 Basic System Extensions program product. The supplement contains new and updated information about:

- Virtual storage preservation support
- Accounting records-on-disk support
- Spool files-to-tape support
- Resource management facilities
- Full screen support
- Enhanced 3270 support

Manual, 8 1/2 x 11 inches
 ////5748-XX8

LD23-9027

SUPPLEMENT FOR VM/370 BSEPP TO DATA AREAS AND CONTROL BLOCK LOGIC, 5748-XX8

This Basic Systems Extensions supplement contains the following new and updated information:

- Virtual storage preservation support
- Resource management facilities subset
- Accounting records-on-disk support
- Spool files-to-tape support
- CMS tape label processing
- Full screen support
- Terminal support for enhanced 3270s.

Manual, 8 1/2 x 11 inches
 ////5748-XX8

LD23-9028

SUPPLEMENT FOR VM/370 BSEPP TO SYSTEM LOGIC AND PROBLEM DETERMINATION GUIDE VOLUME 2, 5748-XX8

This supplement to VM/370 System Logic and Problem Determination Guide Volume 2, SY20-0887, contains new and updated information for:

- CMS tape label processing support

in support of VM/370 Basic System Extensions.

Manual, 8 1/2 x 11 inches
 ////5748-XX8

LD23-9029

SUPPLEMENT FOR VM/370 BSEPP TO SYSTEM LOGIC AND PROBLEM DETERMINATION GUIDE VOLUME 1, 5748-XX8

This supplement deals with the following items, which are part of the VM/370 Basic System Extensions Program Product:

- Resource Management Facilities
- Virtual storage preservation support
- Accounting records-on-disk support
- Spool files-to-tape support
- Full screen support
- Enhanced 3270 support
- Addition to Extended Control Program Support

Manual, 8 1/2 x 11 inches,
 ////5748-XX8

LD23-9030

SUPPLEMENT FOR VM/370: SERVICE ROUTINES PROGRAM, LIC PROG 5748-XX8, LOGIC

This supplement contains documentation in support of the following IBM VM/370 Basic System Extensions program product enhancements:

- IBM 3310 and 3370 Direct Access Devices
- IBM 3289 Printer, Model 4

Manual
 ////5748-XX8

LD23-9031

IBM VM/370 BSEPP DATA AREAS AND CONTROL BLOCK LOGIC

The IBM Virtual Machine Facility/370 Basic System Extensions program product (Program No. 5748-XX8) provides significant performance and functional enhancements to the VM/370 system control program. These enhancements are:

- Resource Management Facilities Subset
- Virtual Storage Preservation Support
- Accounting-Records-on-Disk Support
- Spool-Files-to-Tape Support
- CMS Tape Label Processing Support
- Full Screen Support
- Enhanced 3270 Support
- Addition to Extended Control-Program Support (ECPS)
- Interactive Help Facility under CMS
- CMS File System Enhancements
- CMS Tape Command Performance Improvement
- CMS/DOS Uplevel to DOS/VSE
- CMS Use of CP Page Management Interfaces
- CP Performance Improvements
- Small CP Option
- APL-Text Support for the 3270
- Display Control for the 3270
- Support for the IBM 3289 Model 4 Printer
- Support for the IBM 8809 Tape Unit
- Support for the IBM 3310 and 3370 Direct Access Devices

Manual
 ////5748-XX8

LD23-9032

VM/370 BSEPP SYSTEM LOGIC AND PROBLEM DETERMINATION GUIDE VOL 1

The IBM Virtual Machine Facility/370 Basic System Extensions program product provides significant performance and functional enhancements to the VM/370 system control program, these enhancements are:

- APL/Text Support for the 3270

- Small cp option
 - Support for 3310 and 3370 direct access devices
- Manual
 ////5748-XX8

SD25-0006

SUPPLEMENT FOR OS/VS1 IPL AND NIP LOGIC
 No abstract available.

////5741-620

SD25-0007

SUPPLEMENT FOR SU20 TO OS/VS1 RECOVERY MGMT SUPPT LOGIC, 5741-620

This supplement, part of VS1 SU20 (SU ID 5741-620), documents changes to the Machine Check Handler and the Channel Check Handler in support of the 3031, 3032, and 3033 processors. This supplement applies to CS/VS1 Recovery Management Support Logic, SY24-5170-0 with TNL SN24-5574-0.

Manual, 8 1/2 x 11 inches, 34 pages, 3/78
 ////5741-620

SD25-0008

SU 20 SUPPLEMENT FOR OS/VS1 SYSTEM DATA AREAS (SC25-0008)

This manual is equivalent to SC25-0008-00.
 Manual, 3 3/4 x 6 3/4 inches, 8 pages, 4/78
 ////5741-620

SD25-0009

SUPPLEMENT FOR SU20 TO OS/VS1 SUPV LOGIC, 5741-620

This manual is a supplement to, and provides replacement pages for CS/VS1 Supervisor Logic, SY24-5155-5. It documents CS/VS1 3031, 3032, 3033 Processor Support (SU 20) and describes the Extended Control Program Support (ECPS) for VS1 in the IBM 3031 Processor.

Manual, 8 1/2 x 11 inches, 12 pages, 3/78
 ////5741-620

LD25-0012

SUPPLEMENT FOR DOS/VSE ADVANCED FUNCTIONS TO DOS/VSE LIOCS VOL 1: GENERAL INFORMATION AND IMPERATIVE MACROS LOGIC (SY33-8559-4), 5746-XE8

This supplement applies to DOS/VSE LIOCS Volume 1: General Information and Imperative Macros Logic, SY33-8559-4. It documents information on the elimination of the LBLTYP statement, data security, and space management.

Manual, 42 pages, 2/79
 ////5746-XE8

GD25-0013

SUPPLEMENT FOR SU20 TO OS/VS1 SYSTEM GENERATION REFERENCE: OS/VS1 3031, 3032, 3033 PROCESSOR SUPPORT, 5741-620

This supplement, part of VS1 SU20 (SU ID 5741-620) documents changes in the starter system and the following system generation macro instructions: CENPROCS, CTRLPRCG, DATASET, IODEVICE, SCHEDULR, and SECONSOLE. This supplement applies to OS/VS1 System Generation Reference, GC26-3791-8.

Manual, 8 1/2 x 11 inches, 48 pages, 3/78
 ////5741-620

LD25-0014

SU21 SUPPLEMENT FOR PROGRAMMED CRYPTOGRAPHIC FACILITY TO OS/VS1 SYSTEM DATA AREAS, 5741-621

This publication supplements the OS/VS1 System Data Areas, SY28-0605-5, for the OS/VS1 Programmed Cryptographic Facility. It documents a change to the CS/VS1 and OS/VS2 Common Extension of the CVT - a portion of a reserved area is now being used to contain the Cryptographic CVT address.

Manual, 3 11/16 x 6 3/4 inches, 8 pages, 5/78
 ////

LD25-0023

SUPPLEMENT FOR ADVANCED FUNCTIONS DOS/VSE (VERSION 2 RELEASE 1) TO DOS/VSE LIOCS VOL 2 SAM LOGIC (SY33-8560-3) LOGIC, 5746-XE8

This supplement applies to DOS/VSE LIOCS Volume 2 SAM Logic, SY33-8560-3. It documents information on data security and space management.

Manual, 50 pages, 2/79
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LD25-0026

SUPPLEMENT FOR VSE/ADVANCED FUNCTIONS TO DOS/VSE FIXED PLCC ARCHITECTURE LIOCS, 5746-XE8, (SY24-5181-0)

This supplement applies to DOS/VSE Fixed Plcck Architecture Logical IOCS, SY24-5181-0. It documents information on the LTFPC logic module.

Manual, 12 pages, 2/79
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SD25-0600

SUPPLEMENT TO SU51: MVS PROCESSOR SUPPORT, 5752-851

This publication is intended for the IBM programming service representative, installation programmer, and others involved in using EREP.

The disk initialization program (IFCDIFGC) reads MCH and CCH edit format information, formats it into MCP and CCF

- "frame" records, and writes the records on SYS1.LOGREC.
This publication supports OS/VS2 MVS SYS1.LOGREC ERROR RECORDING LOGIC, RELEASE 3.7, SY28-0678-04.
Manual, 8 1/2 x 11 inches, 32 pages, 11/77
/////5752-851
- GD25-0601
SUPPLEMENT TO SD51: MVS PROCESSOR SUPPORT, 5752-851
This publication is intended for system operation, programmers and administrators involved in using EREP.
The intent of the Processor Support is to allow machine check (MCH) and channel check (CCH) records to be formatted properly without EREP having knowledge of the EC level, format, or data content layout.
This publication supports OS/VS2 MVS SYS1.LOGREC ERROR RECORDING, GC28-0677-04.
Manual, 8 1/2 x 11 inches, 20 pages, 11/77
/////5752-851
- SD25-0602
SUPPLEMENT FOR SU20 TO VS1 SYS1.LOGREC ERROR RECORDING LOGIC 3031, 3032, 3033 PROCESSOR SUPPORT, 5741-620 (VS1 REL 6)
This publication is intended for the IBM programming service representative, installation programmers, and others involved in using EREP.
The disk initialization program (IPCDIPOO) reads MCH and CCH edit format information, formats it into MCF and CCF "frame" records, and writes the records on SYS1.LOGREC.
Manual, 36 pages, 3/78
/////5741-620
- GD25-0603
SUPPLEMENT FOR SU20 TO VS1 SYS1.LOGREC ERROR RECORDING LOGIC 3031, 3032, 3033 PROCESSOR SUPPORT, 5741-620 (VS1 REL 6)
This publication is intended for system operation, programmers and administrators involved in using EREP.
The intent of the Processor Support is to allow machine check (MCH) and channel check (CCH) records to be formatted properly without EREP having knowledge of the EC level, format, or data content layout.
Manual, 20 pages, 3/78
/////5741-620
- SD25-0604
SUPPLEMENT FOR SU68: OS/VS DISPLAY EXCEPTION MONITORING FACILITY (DEMF), 5752-868
This manual describes the Display Exception Monitoring Facility (DEMF), a facility that allows the user to retrieve and examine teleprocessing error data in an interactive environment.
DEMF is used by IBM programming service representatives, installation programmers, and others involved in locating a hardware problem in a communications network.
This publication supports OS/VS2 MVS SYS1.LOGREC Error Recording Logic, Release 3.7, SY28-0678-04.
Manual, 8 1/2 x 11 inches, 24 pgs, 11/77
/////5752-868
- GD25-0605
SUPPLEMENT FOR SU68: OS/VS DISPLAY EXCEPTION MONITORING FACILITY (DEMF), 5752-868
This publication is intended for system operation and programmers using DEMF to retrieve and examine teleprocessing error data in an interactive environment.
This publication supports OS/VS2 MVS SYS1.LOGREC ERROR RECORDING, GC28-0677-04.
Manual, 8 1/2 x 11 inches, 4 pgs, 11/77
/////5752-868
- SD25-0606
OS/VS DISPLAY EXCEPTION MONITORING FACILITY (DEMF) SUPPLEMENT FOR SU24: OS/VS DEMF, 5741-624
Provides Display Exception Monitoring Facility (DEMF) support for teleprocessing devices. Used by IBM programming service representatives, installation programmers, and others involved in locating a hardware problem in a communications network. This is a supplement to OS/VS1 SYS1.LOGREC Error Recording Logic, SY28-0669-3.
Manual, 8 1/2 x 11 inches, 12 pages, 1/78
/////5741-624
- GD25-0607
OS/VS DISPLAY EXCEPTION MONITORING FACILITY (DEMF) SUPPLEMENT FOR SU24: OS/VS DEMF, 5741-624
This publication is intended for system operation and programmers. It provides Display Exception Monitoring Facility (DEMF) support for teleprocessing devices. This is a supplement to OS/VS1 SYS1.LOGREC Error Recording, GC28-0668-3.
Manual, 8 1/2 x 11 inches, 4 pages, 1/78
/////5741-624
- SD25-0609
SUP SY28-0678 SU64 MVS
No abstract available.
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY
- LD26-6000
SUPPLEMENT TO OS/VS2 CHECKPOINT/RESTART LOGIC, PROG PROD 5740-XE1
This document adds information about the OS/VS2 MVS/System Extensions Program Product, SY26-3820-04.
Manual, 8 1/2 x 11 inches, 12 pgs, 12/77
/////5740-XE1
- SD26-6002
SUPPLEMENT TO GC26-3865-0, OS/VS2 MVS DATA MANAGEMENT SERVICES GUIDE
This document adds information about the Data Management-Extended Program Product to the book with the title and form number above.
Manual, 8 1/2 x 11 inches, 20 pgs, 1/78
/////5740-AM3
- SD26-6003
SUPPLEMENT FOR SU60 TO MVS DADSM LOGIC: DATA MANAGEMENT SUPPORT, 5752-860
This document adds information about the OS/VS2 MVS Data Management, SY26-3828-1, Selectable Unit 5752-860 to SY26-3838-01 and SY26-3858-00
Manual, 8 1/2 x 11 inches, 28 pages, 1/78
/////5752-860
- LD26-6004
SUPPLEMENT TO SY26-3820-4, OS/VS2 MVS CHECKPOINT/RESTART LOGIC
This document adds information about OS/VS2 MVS SAM-Extended to the book with the above title and form number.
Manual, 8 1/2 x 11 inches, 24 pgs, 2/78
/////5740-AM3
- LD26-6005
SUPPLEMENT TO SY26-3834-1, SY26-3859-0, CS/VS2 VIO LOGIC
This document adds information about the Data Management-Extended Program Product to the books with the above form numbers and titles.
Manual, 8 1/2 x 11 inches, 48 pgs, 12/77
/////5740-AM3
- SD26-6006
SUPPLEMENT TO GC26-6006, CS/VS2 MVS DATA MANAGEMENT MACRC INSTRUCTIONS
This document adds information about the Data Management-Extended Program Product to the book with the above title and form number.
Manual, 8 1/2 x 11 inches, 12 pgs, 1/78
/////5740-AM3
- SD26-6008
SUPPLEMENT FOR SU60 TO OS/VS2 CATALOG MANAGEMENT LOGIC: DATA MANAGEMENT SUPPORT, 5752-860
This document adds information about the OS/VS2 MVS Data Management Support SY26-3826-3, Selectable Unit 5752-860.
Manual, 8 1/2 x 11 inches, 24 pages, 12/77
/////5752-860
- LD26-6009
SUPPLEMENT FOR AMS CRYPTOGRAPHIC OPTION TO CS/VS2 ACCESS METHOD SERVICES LOGIC, 5740-AM8
This supplement adds information concerning the Access Method Services Program Product to SY35-0010.
Manual, 8 1/2 x 11 inches, 40 pages, 5/78
/////5740-AM8
- LD26-6010
SUPPLEMENT FOR AMS CRYPTOGRAPHIC OPTION TO CS/VS1 ACCESS METHOD SERVICES LOGIC, 5740-AM8
This supplement adds information concerning the Access Method Services Program Product to SY35-0008.
Manual, 8 1/2 x 11 inches, 40 pages, 5/78
/////5740-AM8
- GD26-6012
SUPPLEMENT FOR SU64 MVS SYSTEM GENERATION REFERENCE, GC26-3792-6, 5752-864
This supplement adds information about the OS/VS2 MVS Processor Support 2 Selectable Unit 5752-864 (SU64) to the book with the above form number and title.
Manual, 8 1/2 x 11 inches, 84 pages, 12/78
/////5752-864
- GE19-5265
IBM SYSTEMS NETWORK ARCHITECTURE GENERAL INFORMATION AND MAINTENANCE AIDS HANDBOOK
A condensed handbook covering Systems Network Architecture (SNA3) organized in two parts: General Information and Maintenance Aids.
Handbook, 95 x 170 mm, 430 pages, 10/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

GE20-0312

PREFACE TO PL/I PROGRAMMING IN SCIENTIFIC COMPUTING

In a brief and simple manner, this manual:

- lists some problems arising in industry, business, science, and engineering
- Survey the mathematical, statistical, and operations research (OR) by which these problems are solved
- Tells how a few of such techniques and models are programmed for computers using the PL/I language

The major portion of the manual concentrates on PL/I. The essentials are brought out mostly by the many short examples and the summary exhibits.

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

GE20-0599

IBM 3895 DEPOSIT PROCESSING SYSTEM INPUT CONTROL PROCEDURES

This publication describes the personnel training and document flow activities necessary to achieve optimum throughput with the IBM 3895 Document Reader/Inscriber. The manual is divided into four parts.

- Input Control Requirements
- Teller Education
- Large Commercial Account Education
- Input Preparation

The appendixes contain a suggested class outline for teller training, forms for analyzing large commercial accounts, and an input preparation section.

This manual assumes the reader has a basic understanding of bank data processing operations.

Application Manual, 42 pages, 4/78
//04//3895/

GE20-0633

IBM 3895 DEPOSIT PROCESSING SYSTEM WORKSTATION PROCEDURES

This publication is intended to be used as a guide by those preparing workstation procedures, and developing training manuals for personnel who will perform the deposit processing activities at each work station. The guide is organized by task and should be used in conjunction with related IBM program product publications, machine operator guides, and user bank materials. The user bank should set up up its own procedures and manuals for the workstation operators and supervisors, since internal bank systems and procedures vary from bank to bank.

Application manual, 78 pages, 1/79
//04//3895/

GF20-8172

INSTALLATION MANAGEMENT BIBLIOGRAPHY

This bibliography lists and categorizes selected IBM publications on the management of data processing, data security, auditability, and generally useful application development techniques and includes texts, manuals, briefs, and articles as well as certain forms, templates, bibliographies, and indexes.

In most cases, the publications are applicable to various IBM data processing systems; publications applicable to a specific data processing system can be found in that system's bibliography.

Special Bibliography, 8 1/2 x 11 inches, 20 pgs, 6/77
//00///

LGF6-0103

HIERARCHICAL STORAGE MANAGER, LIC PROG 5740-XRB, OS/VS MVS RELEASE 3.8, LISTINGS

This document contains assembler listings for all HSM modules. A prologue is provided for each module which describes what the module does and how it is done. This document is intended for use by programmers for the correction of program design errors.

Microfiche, 501 cards, 5/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GG22-9152

303X TESTING USING A S/370

This paper presents some considerations for MVS users in reference to doing 303X preinstall testing on a M158 or M168 and provides a guide to 3036 console operations for the operator familiar with MVS on a M168.

Users installing MVS on a 303X will find that they can do most, if not all, of their preinstall testing on a S/370 with suitable features and configuration. One important feature that may be required is the S/370 Extended Feature/Facility which is standard on the 303X models and optional on the M158 and M168. This feature is required only if MVS/SE (5740-XB1) is added to MVS.

Two basic points should be recognized:

- 1) Although some programs such as MVS/SE are dependent on CPU-features, few programs are dependent on a particular CPU model.
- 2) Extensive hands-on training is not required for operators because of the new 3036 console.

Manual, 24 pages, 12/78
3031,3032,3033//37//5752

GH09-0052

GIS DOS/VS PRFC SPECIFICATION SHEET, PRCG 5799-ALX

A specification sheet describing ways in which GIS DOS/VS can enable non-programmers and programmers to extract information from a company's data base.

Specification sheet, 2 pages, 4/78

/////5799-ALX

GH12-5031

SYSTEM/370 AND 4300 PROCESSORS VSE/POWER AND VSE/POWER, LIC PROG 5746-XE3, REMOTE JOB ENTRY FEATURE RELEASE 1.0

Deals with general description of the system, programming system, system configuration and programming service classification. It also gives the reference material and compatibility.

Flyer, 8 1/2 x 11 inches, 4 pages, 2/79

/////5746-XE3

GH12-5044

SYSTEM/370 AND 4300 PROCESSORS JOB ENTRY PROGRAM RELEASE 1 MODIFICATION LEVEL 0, LIC PROG 5746-XE6 AND FILE TRANSFER PROGRAM RELEASE 1 MODIFICATION LEVEL 0, LIC PROG 5748-XE6

Deals with general description of the system, programming system, system configuration and programming service classification. It also gives the reference material and compatibility.

Flyer, 8 1/2 x 11 inches, 4 pages, 2/79

/////5746-XE6,5748-XE6

GH12-5045

SYSTEM/370 AND 4300 PROCESSORS VSE/ACCESS CONTROL LOGGING AND REPORTING RELEASE 1, MODIFICATION LEVEL 0, LIC PROG 5746-XE7

Deals with general description of the system, programming system, system configuration and programming service classification. It also gives the reference material and compatibility.

Flyer, 8 1/2 x 11 inches, 2 pages, 2/79

/////5746-XE7

GH12-5046

SYSTEM/370 AND 4300 PROCESSORS VSE/POWER WITH VSE/POWER REMOTE JOB ENTRY AND VSE/POWER SHARED SPCCLING FEATURE RELEASE 2.0, LIC PROG 5746-XE3

Deals with general description of the system, programming system, system configuration and programming service classification. It also gives the reference material and compatibility.

Flyer, 8 1/2 x 11 inches, 4 pages, 2/79

/////5746-XE3

GH12-5115

DATA LANGUAGE/I-ENTRY DOS/VS (DL/I-ENTRY DCS/VS) GENERAL INFORMATION MANUAL, PROG. PROD. 5746-XX7

This book introduces DL/I-Entry DOS/VS to the executive, system programmer, or application programmer and gives a general picture of what DL/I-Entry is.

The DL/I-Entry data base system makes data handling easier for application programs, and centralizes the data required by more than one application program. Both batch programs running under DOS/VS and online programs running under the Customer Information Control System/DOS/VS (CICS/VS) can use DL/I-Entry.

This book explains the advantages of using data bases, gives a general description of DL/I-Entry data bases and of how application programs use them, and lists machine configuration requirements. Examples are provided of using DL/I-Entry to control the ordering and distribution of products, to produce a bill of materials in a manufacturing application, and to provide a complete system for order entry and production planning and control in the process industry.

Prerequisite to understanding this book is some familiarity with the use of computers to process data.

Manual, 52 pages, 2/76

/////5746-XX7

GH12-5122

IBM SYSTEM/370 IMS/VS DATA BASE ANALYZER GENERAL INFORMATION MANUAL PROGRAM PRODUCT 5740-XXR (OS/VS)

IMS/VS Data Base Analyzer (DB analyzer) is an Information Management System/Virtual Storage (IMS/VS) productivity aid that analyzes the structure of an existing IMS/VS data base with hierarchical direct (HDAM or BIDAM) organization. It produces reports on distribution of pointers and free space, to allow monitoring of the efficiency of data base space allocation in storage. It also checks pointer integrity, examining whether recovery procedures have been applied successfully.

This manual includes a general description of the program components and their interaction, computing system and system control program requirements, and sample output.

This publication is intended primarily for data base administrators and system analysts. The reader is assumed to be familiar with IMS/VS data bases and their pointer structures. Publications providing this background are IMS/VS Utilities Reference Manual, SB20-9029 and IMS/VS System/Application Design Guide, SB20-9025.

Manual, 8 1/2 x 11 inches, 24 pgs, 12/76

/////5740-XXR

GH12-5128

SYSTEM/370 AND 4300 PROCESSORS VSE/POWER RELEASE 1.0, LIC PROG 5746-XE3 GENERAL INFORMATION.
This manual introduces VSE/POWER together with the VSE/POWER Remote Job Entry feature. It is intended for users of DOS/VSE with VSE/Advanced Functions. After an introduction that acquaints the reader with the concept of VSE/POWER and its applicability, the following topics are covered in this manual:

- A general description of VSE/POWER
- A discussion of the input for the system, the output produced, and the processing that is done by VSE/POWER
- A summary of the machine and programming environment in which VSE/POWER operates

The reader of this manual should be familiar with the data processing terminology. In particular, basic knowledge of DOS/VSE or DOS/VS will be helpful in evaluating the advantages of this program product.
Manual, 8 1/2 x 11 inches, 30 pages 1/79
/////5746-XE3

GH12-5129

SYSTEM/370 AND 4300 PROCESSORS JOB ENTRY PROGRAM, LIC PROG 5146-XE6 AND FILE TRANSFER PROGRAM, LIC PROG 5748-XE6.
This manual introduces the IBM program products Job Entry Program and File Transfer Program. These programs are designed to interconnect one or more decentralized computing systems with one or more central data processing installations.

With the Job Entry Program, jobs may be transferred for processing from one installation, thus enabling the user, for example, to utilize resources such as data bases, programs, or peripheral devices available only at the receiving location. The File Transfer Program additionally allows the user to transfer sequential files on tape or disk from one installation to another.

The reader of this manual should be familiar with the data processing terminology. Additional knowledge of IBM operating systems (DOS/VSE, OS/VS1, and OS/VS2) will be helpful to the reader in evaluating the applicability of the Job Entry Program and the File Transfer program.
Manual, 8 1/2 x 11 inches, 28 pages 2/79
/////5746-XE6, 5748-XE6

GH12-5130

SYSTEM/370 AND IBM 4300 PROCESSORS VSE/ACCESS CONTROL - LOGGING AND REPORTING GENERAL INFORMATION, LIC PROG 5746-XE7
The VSE/Access Control - Logging and Reporting program product consists of a set of programs designed as part of the data security package for the DOS/VSE user.

The main functions of this program product are (1) the monitoring of accesses to protected resources and (2) the logging and reporting of unauthorized usage of programs, libraries, and files.

This manual provides a general description of VSE/Access Control - Logging and Reporting and its relation to the data security package. It describes the system configuration requirements and explains the use of VSE/Access Control - Logging and Reporting for auditing security events in a DOS/VSE data processing environment.

The reader of this manual should be familiar with the data processing terminology and the concepts of IBM operating systems. A list of prerequisite and corequisite publications is provided in the Bibliography.
Manual, 8 1/2 x 11 inches, 26 pages, 1/79
/////5746-XE7

GH12-5131

IBM SYSTEM/370 AND IBM 4300 PROCESSORS VSE/POWER RELEASE 2.0, LIC PROG 5746-XE3 GENERAL INFORMATION.
This manual introduces VSE/POWER together with the VSE/POWER Remote Job Entry feature and the Shared Spooling feature. It is intended for users of DOS/VSE with VSE/Advanced Functions. After an introduction that acquaints the reader with the concept of VSE/POWER and its applicability, the following topics are covered in this manual:

- A general description of VSE/POWER
- A discussion of the input for the system, the output produced, and the processing that is done by VSE/POWER
- A summary of the machine and programming environment in which VSE/POWER operates

The reader of this manual should be familiar with data processing terminology. In particular, basic knowledge of DOS/VSE will be helpful in evaluating the advantages of this program product.
Manual, 8 1/2 x 11 inches, 30 pages 1/79
/////5746-XE3

GH12-5233

IMS/VS DATA BASE ANALYZER PROG PROD 5740-XXR OS/VS, SPECIFICATIONS
Describes the warranted specifications of the program.
Flyer, 8 1/2 x 11 inches, 2 pgs, 11/76
/////5740-XXR

SH12-5317

IBM SYSTEM/370 IMS/VS DATA BASE ANALYZER USER'S GUIDE, PROG PROD 5740-XXR (OS/VS)
IMS/VS Data Base Analyzer (DB analyzer) is an Information Management System/Virtual Storage (IMS/VS) productivity aid that analyzes the structure of an existing IMS/VS data base

with hierarchical direct (BDAM or HIDAM) organization. It produces reports on distribution of pointers and free space, to allow monitoring of the efficiency of data base space allocation in storage. It also checks pointer integrity, examining whether recovery procedures have been applied successfully.

This manual describes the processing, installation, and operation of the four DB analyzer programs. It helps with understanding and applying the output of DE analyzer and includes explanations of all the messages.

This publication is intended primarily for data base administrators and system analysts. The reader is assumed to be familiar with IMS/VS data bases and their pointer structures. Publications providing this background are IMS/VS Utilities Reference Manual, SH20-9029 and IMS/VS System/Application Design Guide, SH20-9025.
Manual, 8 1/2 x 11 inches, 92 pgs, 12/76
/////5740-XXR

SH12-5328

SYSTEM/370 AND 4300 PROCESSORS VSE/POWER - REMOTE JOB ENTRY USER'S GUIDE, LIC PRG 5746-XE3 FEATURES 6066-6071
This publication is intended for DOS/VSE users who wish to execute jobs under control of VSE/POWER, using remote terminals. This operation is made possible by the optional Remote Job Entry feature of VSE/POWER (VSE/POWER RJE), which may be installed in addition to the basic VSE/POWER program product.

This manual gives a brief description of all terminals supported by VSE/POWER in native mode and explains their use in a VSE/POWER environment. Information on terminals supported in compatibility mode is not contained in this manual; for details on this subject, refer to the documentation describing the respective terminal.

Before using this manual, the reader should be familiar with the publications listed in the Bibliography. For a quick reference on VSE/POWER RJE commands, experienced users may also refer to the VSE/POWER Reference Summary: Remote Processing, SH12-5434.
Manual, 8 1/2 x 11 inches, 102 pages, 2/79
/////5746-XE3

SH12-5329

SYSTEM/370 AND 4300 PROCESSORS VSE/POWER, LIC PRG 5746-XE3, INSTALLATION AND OPERATIONS GUIDE FEATURES: 6066-6071
The VSE/POWER program product is packaged in two parts: the basic material, VSE/POWER, and the optional feature, VSE/POWER Remote Job Entry

This publication is intended for application programmers, system programmers, and operators. It describes the major functions of the basic part and their usage and gives some general information on the program feature.

To install VSE/POWER, information is given on:

- The supported hardware
- The system requirements
- The preparations needed for program installation
- The steps to be performed for program generation.

To execute programs under VSE/POWER, the programmer will find information on:

- The possible program functions
- The data that must be specified to use these functions
- The different possibilities of controlling VSE/POWER jobs.

Manuals related to this publication are listed in the Bibliography. For a quick reference on commands and statements, refer to the VSE/POWER reference summaries, SH12-5434 and SH12-5435.
Manual, 8 1/2 x 11 inches, 208 pages, 2/79
/////5746-XE3

SH12-5336

SYSTEM/370 AND 4300 PROCESSORS VSE/ACCESS CONTROL - LOGGING AND REPORTING PROGRAM REFERENCE AND OPERATIONS MANUAL, LIC PROG 5746-XE7
VSE/Access Control - Logging and Reporting is part of the data security functions offered for batch users of DOS/VSE. These security functions are designed for auditing purposes of a DOS/VSE data processing installation. Data access, library access, and program access can be checked and logged for security reasons.

This manual provides a description of the functions, the installation, and the operating procedures of VSE/Access Control - Logging and Reporting and contains information related to a sample execution of this system as part of the DOS/VSE data security features. The information in this manual is intended for the use of system programmers and operators.

This manual should be used in conjunction with the existing DOS/VSE documentation listed in the Bibliography. The reader should have a basic knowledge of DOS/VSE and be familiar with the DOS/VSE terminology.
Manual, 8 1/2 x 11 inches, 64 pages, 2/79
/////5746-XE7

SH12-5411

DL/1 DOS/VS APPLICATION PROGRAMMING REFERENCE MANUAL PROGRAM PRODUCT 5746-XX1
This manual describes how to write a DL/1 ECS/VS application program for execution in the batch or online environments. It is intended for COBOL, PL/1, or Assembler language application programmers who wish to employ DL/1 DOS/VS functions in their programs, and for data base

administrators who are designing DL/I DOS/VS applications.

DL/I DOS/VS is a data management control system that assists the user in creating, accessing, and maintaining large common data bases. In conjunction with the Customer Information Control System (CICS/DOS/VS), DL/I DOS/VS can be used in an online teleprocessing environment. This manual contains four main sections: an overall view of how a DL/I DOS/VS application program is written and executed, a description of the function codes, the considerations to apply for an online application program, and a description of the advanced programming functions. A glossary of DL/I terms is also included.

Readers of this manual must be thoroughly familiar with the use of DOS/VS, and of CICS/DOS/VS if DL/I DOS/VS is to be used in the online environment.

Manual, 90 pages
 ////5746-XX1

SB12-5412

DL/I DOS/VS UTILITIES AND GUIDE FOR THE SYSTEM PROGRAMMER PROGRAM PRODUCT 5746-XX1

This manual describes each of the DL/I DOS/VS utility programs and explains how to execute them under DOS/VS. This manual is written for data base administrators and system programmers who are concerned with maintaining and reorganizing data bases and creating data base control blocks.

DL/I DOS/VS is a data management control system that assists the user in creating, accessing, and maintaining large common data bases. In conjunction with the Customer Information System (CICS/DOS/VS), DL/I DOS/VS can be used in an online teleprocessing environment. This manual describes procedures used for creating control blocks and utilities for data base recovery, for data base reorganization, and for the resolution of data base logical relationships.

Readers of this manual must be thoroughly familiar with the use of DOS/VS, and of CICS/DOS/VS if DL/I DOS/VS is to be used in the online environment. Before using the DL/I DOS/VS utilities and procedures described in this manual, users should read DL/I DOS/VS System/Application Design Guide, SB12-5413.
 Manual, 262 pages
 ////5746-XX1

SB12-5413

DL/I DOS/VS SYSTEM/APPLICATION DESIGN GUIDE PROGRAM NO. 5746-XX1

This manual presents a general description of DL/I DOS/VS and the considerations to apply when designing a DL/I DOS/VS system. It is intended for DP managers who want a general picture of DL/I DOS/VS and for system analysts and data base administrators who are planning and designing a system.

DL/I DOS/VS is a data management control system that assists the user in creating, accessing, and maintaining large common data bases. In conjunction with the Customer Information Control System (CICS/DOS/VS), DL/I DOS/VS can be used in an online teleprocessing environment. This manual contains descriptions of planning a DL/I DOS/VS system, designing data base structures, controlling and executing data base systems, designing application programs, selecting an access method and employing the DL/I DOS/VS utilities. Also included is a section on estimating DL/I DOS/VS storage requirements.

Readers of this manual must be thoroughly familiar with the use of DOS/VS, and of CICS/DOS/VS if DL/I DOS/VS is to be used in the online environment.

Manual, 170 pages
 ////5746-XX1

SB12-5414

DATA LANGUAGE/I DISK OPERATING SYSTEM/VIRTUAL STORAGE (DL/I DOS/VS) MESSAGES AND CODES, PROG NUMBER 5746-XX1

This publication lists all DL/I messages and status codes. It is intended for use by persons operating the DL/I DOS/VS system and by application programmers and data base administrators who may need information on messages and status codes.

DL/I DOS/VS is a data management control system that assists the user in creating, accessing, and maintaining large common data bases. In conjunction with the Customer Information Control System (CICS/DOS/VS), DL/I DOS/VS can be used in an online teleprocessing environment.

Readers of this manual must be thoroughly familiar with the operation of DOS/VS, and of CICS/DOS/VS if DL/I DOS/VS is to be used in the online or multiple partition support (MPS) environment.

Manual, 8 1/2 x 11 inches, 55 pages, 10/78
 ////5746-XX1

SB12-5415

DATA LANGUAGE/I-ENTRY DOS/VS (DL/I-ENTRY DOS/VS) APPLICATION PROGRAMMING REFERENCE MANUAL, PROG. PROD. 5746-XX1

This book explains to the application programmer how to work with DL/I-Entry DOS/VS. Using this book, the application programmer can write and run COBOL, RPG II, PL/I, or Assembler programs which can use DL/I-Entry with DL/I-Entry DOS/VS. Using this book, the application programmer can write and run COBOL, RPG II, PL/I, or Assembler programs which use DL/I-Entry.

The DL/I-Entry data base system makes data handling easier for application programs, and centralizes the data required by more than one application program. Both batch

programs running under DCS/VS and online programs running under the Customer Information Control System/COS/VS (CICS/VS) can use DL/I-Entry.

This book introduces DL/I-Entry concepts, explains both the mechanics and the techniques of writing application programs which use DL/I-Entry, shows how to run them, and provides examples. The use of DL/I-Entry calls and the definition of program communication block (PCB) masks are described in detail. A glossary explains DL/I-Entry terms used in the book.

Prerequisite to using this book is a knowledge of how to program in COBOL, RPG II, PL/I, or Assembler, and some familiarity with COS/VS. Online programmers must in addition be familiar with CICS/VS programming conventions.

Manual, 168 pages, 02/76
 ////5746-XX7

SB12-5418

IBM DL/I-ENTRY UTILITIES REFERENCE SUMMARY

This reference card provides system personnel with a guide to using the DL/I-Entry DOS/VS utilities. Using this card, the data base descriptions (DBDs) and program specification blocks (PSPs) necessary to use DL/I-Entry data bases can be generated.

The DL/I-Entry data base system makes data handling easier for application programs, and centralizes the data required by more than one application program. Both batch programs running under DOS/VS and online programs running under the Customer Information Control System/DOS/VS (CICS/VS) can use DL/I-Entry.

This card presents in condensed form the information on DL/I-Entry utilities covered in the DL/I-Entry DOS/VS Design and Implementation Guide, SB12-5311. Some familiarity with the book is therefore a prerequisite to using the card.
 Summary, 6 pages (11/74)
 ////5746-XX7

SB12-5420

DATA LANGUAGE/I-ENTRY DOS/VS (DL/I-ENTRY DOS/VS) LOW-LEVEL CODE/CONTINUITY CHECK FEATURE, REFERENCE/OPERATIONS - PROG. PROD. 5746-XX7

Low-level coding and continuity checking are established techniques for production planning and control in a manufacturing industry. The DL/I-Entry DCS/VS low-level code/continuity check feature generates, performs continuity checks upon and updates such low-level codes. The feature is a subroutine called by batch DL/I-Entry application programs written in COBOL, PL/I, or Assembler.

This book describes the DL/I-Entry LLC/CC feature, and explains to the application programmer and data base administrator how to work with it. First a general description is given of the LLC/CC feature and the data bases it requires; then an explanation of how to use the feature in application programs is given. Information follows on generation, operation, and system and programming requirements.

For the application programmer, prerequisite to using this book is a knowledge of how to write DL/I-Entry programs as explained in the DL/I-Entry DOS/VS Application Programming Reference Manual, SB12-5415. For the data base administrator, prerequisite to using this book is a knowledge of DL/I-Entry data base concepts as explained in the DL/I-Entry DOS/VS Design and Implementation Guide, SB12-5311.

Manual, 48 pages (7/75)
 ////5746-XX7

SB12-5434

SYSTEM/370 4300 PROCESSORS VSE/POWER REFERENCE SUMMARY: REMOTE PROCESSING RELEASE 1.0, LIC PROG 5746-XX3

FEATURES 6066-6071 REFERENCE CARD
 This reference card is intended for users of the Remote Job Entry (RJE) feature of VSE/POWER Release 1.0.

The effective system level is DOS/VSE with VSE/ADVANCED Functions Release 1. This reference card contains VSE/POWER RJE terminal commands.
 Reference card, 3 5/8 x 8 1/2 inches, 8 cards, 2/79
 ////5746-XX3

SB12-5435

SYSTEM/370 AND 4300 PROCESSORS VSE/POWER REFERENCE SUMMARY: LOCAL PROCESSING RELEASE 1.0 REFERENCE CARD, LIC PROG 5746-XX3, FEATURES 6066-6071

This reference card is intended for users of VSE/POWER Release 1.0.

The effective system level is DOS/VSE with VSE/Advanced Functions Release 1. This reference card contains VSE/POWER JECCL statements and VSE/POWER central operator commands.
 Reference card, 3 5/8 x 8 1/2 inches, 16 cards, 2/79
 ////5746-XX3

SB12-5520

SYSTEM/370 AND 4300 PROCESSORS VSE/POWER, LIC FRCG 5746-XX3, FEATURES 6066-6071, MESSAGES

This publication lists program and operator messages that may be issued by the VSE/POWER program product and by the Remote Job Entry Feature, VSE/POWER RJE.

The different chapters of this manual can be filed, together with messages from other VSE licensed programs, in the manual DOS/VSE Messages, GC33-5379.

A complete list of manuals for VSE/POWER and of other

related publications can be found in the Bibliography.
Manual, 8 1/2 x 11 inches, 92 pages, 2/79
/////5746-XE3

SH18-0007

TSO 3270 PRINTER SUPPORT PROGRAMMING RPQ U946866
DESCRIPTION AND OPERATION MANUAL PROGRAM NUMBER 5799-ALB
The TSO 3270 Printer Support Program is designed to provide the user with functions to produce hard copies of his TSO session on the 3277 display station. The hard copies are produced on the 3284 printer.

This manual contains information on the functions of TSO 3270 Printer Support Program and the operating procedures necessary to install and use this program.
Manual, 74 pages
/////5799-ALB

GH19-0082

GENERALIZED INFORMATION SYSTEM DOS/VS, GENERAL INFORMATION
PROG. NO. 5799-ALX, PRPQ 8T0139

This manual surveys the operational concepts and system capabilities of the Generalized Information System for DOS/VS.

Manual, 44 pages
/////5799-ALX

GH19-0084

GENERALIZED INFORMATION SYSTEM DOS/VS EXECUTIVE QUERY,
REFERENCE - PROG. NO. 5799-ALX, PRPQ 8T0139

This manual is designed to give a sampling of GIS DOS/VS PRPQ capabilities and to provide a reference for non-data-Processing users.

Manual, 58 pages 04/75
/////5799-ALX

SH19-0086

GENERAL INFORMATION SYSTEM DOS/VS LANGUAGE REFERENCE MANUAL
- PROG. NO. 5799-ALX

The LRM is a reference manual for GIS Language users. The procedural-language utilities and the task input parameters are described in detail. Language Syntax and conventions are described.

Manual, 169 pages
/////5799-ALX

SH19-0087

GENERALIZED INFORMATION SYSTEM DOS/VS, LIC PROG 5799-ALX,
SYSTEM PROGRAMMER'S REFERENCE

Summarizes various references for GIS.

Manual, 172 pages, 10/78
/////5799-ALX

SH19-0088

GENERAL INFORMATION SYSTEM DOS/VS MESSAGES AND CODES
REFERENCE MANUAL - PROG. NO. 5799-ALX

This manual lists completion codes, status codes, and messages produced by the IBM supplied components of the GIS system.

Manual, 94 pages, 4/75
/////5799-ALX

GH19-0094

GENERAL INFORMATION SYSTEM DOS/VS USER'S GUIDE - PROG. NO.
5799-ALX

This user's guide has two purposes, one is to instruct and guide the non-technical "end-user", the second purpose is to introduce and guide the more technically oriented, new GIS DOS/VS user.

Manual, 72 pages & cover
/////5799-ALX

GH19-6044

TERMINAL BUSINESS SYSTEM/VS TO CICS/VS CONVERSION GUIDE

This publication is intended for users of Terminal Business System/VS, who are planning to move their applications onto an in-house CICS/VS system. Because it is anticipated that most users will be considering the DOS/VS version of CICS/VS, attention is focused on this product. However, most of the points covered will apply equally to CICS-OS/VS.

Systems programmers will find that this publication will give them an understanding of the application designer's requirements, but not detailed information about, or assistance with, installing a CICS/VS system. These subjects are covered in other publications.

Manual, 8 1/2 x 11 inches, 84 pgs, 1/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SH19-6045

TERMINAL BUSINESS SYSTEM/VS ANALYST'S GUIDE RELEASE 8.1

This reference manual is meant for analysts responsible for installing applications on Terminal Business System. It includes full descriptions of all the stages involved in such installations including prospect analysis, file design, conversational system considerations, utility usage, security and recovery, and cost estimation. It also includes sections on the use of GIS and DL/I.

Manual, 8 1/2 x 11 inches, 208 pages, 6/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

GH19-6047

TERMINAL BUSINESS SYSTEM/VS TO IMS/VS CONVERSION GUIDE

This manual provides information for users of Terminal Business System/VS who are planning to transfer their applications onto an in-house IMS/VS system. It discusses how to plan and perform the conversion and gives technical information on those points that should be taken into consideration.

The reader is assumed to be a systems analyst or designer, or an IBM systems engineer, having a knowledge of both IMS/VS and Terminal Business System/VS.
Manual, 8 1/2 x 11 inches, 58 pgs, 8/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SH19-6048

INTERNATIONAL FIELD PROGRAM VS PERSONAL COMPUTING PL/I
TERMINAL USERS GUIDE PROGRAM NUMBER 5785-EAE

This book explains to users of VSPC terminals how to develop programs using VS Personal Computing PL/I (VSPC PL/I), whose compiler is an upward-compatible subset of the IEM OS PL/I Optimizing Compiler. The reader is assumed to have some experience of writing programs in PL/I.

VSPC PL/I is a language processor operating under one of the IBM program products: VS Personal Computing (OS/VS1), program number 5740-XR5, or VS Personal Computing (OS/VS2), program number 5740-XR6. It combines the interactive nature of VS Personal Computing and the problem solving nature of the PL/I language to provide a powerful tool for program development from the convenience of the user's own terminal.

This book summarizes the structure of VSPC, the operation of available terminals, and outlines the VSPC commands needed for developing and running programs. A sample terminal session is given, showing step-by-step the method of constructing a program at the terminal.

Prerequisite to this book is a familiarity with the VSPC PL/I language as explained in VSPC PL/I Language Reference Manual, SB19-6049.

Manual, 8 1/2 x 11 inches, 114 pgs, 7/77
/////5785-EAE

SH19-6049

INTERNATIONAL FIELD PROGRAM VS PERSONAL COMPUTING PL/I
LANGUAGE REFERENCE MANUAL PROGRAM NUMBER 5785-EAE

This manual contains reference information for VS Personal Computing PL/I (VSPC PL/I), a language processor operating under one of the IBM program products: VS Personal Computing (OS/VS1), program number 5740-XR5 or VS Personal Computing (OS/VS2), program number 5740-XR6.

VSPC PL/I brings together the interactive nature of VS Personal Computing and the problem-solving nature of PL/I to provide the user with a powerful tool for developing programs at a terminal.

The manual is intended for use by programmers who already have some experience in using the IEM OS Optimizing Compiler. It is not intended to teach PL/I. It is organized in two parts: the first discusses the elements of PL/I, its components and the general structure of PL/I programs as they are compiled and run under VSPC. The second part discusses the syntax of individual PL/I statements. There are four appendices including a set of sample programs. A glossary explains PL/I terms used in the book.

Prerequisite to the book is a familiarity with PL/I as described in the IBM OS PL/I Optimizing and Checkout Compiler Language Reference Manual, GC33-0009.

Manual, 8 1/2 x 11 inches, 184 pgs, 7/77
/////5785-EAE

SH19-6050

VS PERSONAL COMPUTING (VSPC) FOR DCS: ONLINE CENTRE
SERVICES TERMINAL USER'S GUIDE

This manual explains to S/370 OS/VS2 VSPC users how to make use of the VSPC Online Centre Services to transfer VSPC files to and from OS sequential and direct data sets. The manual includes:

- An introduction to the OLCS concepts
- A discussion of the different ways in which OLCS can be invoked; a description of attention handling, command syntax, and how to interpret OLCS messages
- A description of the OLCS immediate commands
- A description of the IEM-distributed set of procedural commands - the commands that initiate data transfer into and out of VSPC.

Manual, 8 1/2 x 11 inches, 54 pgs, 3/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

SH19-6053

VS PERSONAL COMPUTING FOR DCS:
BASIC LANGUAGE CONVERSION PROGRAM USER'S GUIDE

This guide explains the use of the BASIC Language Conversion Program (LCP) for users of IEM Data Center Services who are transferring their BASIC programs from a CALL service to a VS Personal Computing (VSPC) service.

The BASIC LCP converts CALL:BASIC source programs to VS BASIC Release 3 source programs. It is an interactive application, written in VS APL, that runs under VSPC. To use the LCP, it is necessary to be connected to a Data Center which has a VSPC system installed with VS APL Release 2.

This book explains how to use the conversion program, describes the difference between the CALL:BASIC and VS BASIC languages, and explains conversions which cannot be handled by the LCP. Language differences which the LCP cannot

diagnose are described, and several sample programs are included.

Manual, 8 1/2 x 11 inches, 52 pgs, 9/77

SH19-6054

IBM PROGRAMMING PRODUCTIVITY SERVICE: OVERVIEW

The purpose of this manual is to introduce the functions and facilities of the Programming Productivity Service (abbreviated to PPS in this manual) and the benefits and savings resulting from its use. Additionally, the Improved Programming Technologies (IPT) are introduced, the benefits of IPT are presented, and hints are given on getting started in IPT using the facilities of PPS.

This publication is intended as preparatory reading for both DP managers and programmers planning to use PPS.

The information on IPT has been extracted from specialized IPT publications to serve as an overview only. For further detailed reading on IPT, refer to the Bibliography at the end of this publication. Your IBM representative will be pleased to obtain copies of these publications for you on request.

Manual, 8 1/2 x 11 inches, 32 pgs, 8/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SH19-6055

IBM PROGRAMMING PRODUCTIVITY SERVICE USER'S GUIDE

This publication is a guide to the use of the Programming Productivity Service (PPS). It explains how to use PPS and describes all of the interactive facilities of the service. Manual, 8 1/2 x 11 inches, 230 pages, 09/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

SH19-6069

VS PERSONAL COMPUTING FOR DCS: CONVERSION GUIDE FOR USERS

This manual provides an introduction to VS Personal Computing (VSPC) for users converting from CALL or APLSV to VSPC. It contains separate introductory chapters for CALL and APLSV users; it discusses libraries, file types and references, batch jobs, command language, compiler differences, and APL differences; and it explains the conversion of command lists, data files, and BASIC, FORTRAN, and PL/I programs. There are parallel examples of CALL and VSPC terminal sessions at the end of the manual. Readers should have a knowledge of CALL or APLSV.

Manual, 8 1/2 x 11 inches, 52 pages, 11/77

SH19-6070

VSE/DATA INTERFILE TRANSFER TESTING AND OPERATIONS UTILITY, RELEASE 1, LIC PROG 5746-UT3, DESIGN OBJECTIVES

Deals with general description of the system, programming system, system configuration and programming service classification. It also gives the reference material and compatibility.

Flyer, 2 pages, 2/79
/////5746-UT3

SH19-6072

VSE/DATA INTERFILE TRANSFER, TESTING AND OPERATIONS UTILITY LIC PROG 5746-UT3 GENERAL INFORMATION

This manual introduces the licensed program VSE/Data Interfile Transfer, Testing and Operations Utility. The audience comprises executives, system analysts, and programmers.

VSE/Data Interfile Transfer, Testing and Operations Utility is a general-purpose utility program for card, magnetic tape, and disk input/output devices. It provides the facility to list, copy, alter, and create files or portions of files in both a batch and online environment. Manual, 8 1/2 x 11 inches, 38 pages 1/79
/////5746-UT3

SH19-6076

SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION, CONTROL SYSTEM, LIC PROG 5740-XYF 5746-XTF, GENERAL INFORMATION

Screen Definition Facility/Customer Information Control System is an interactive application development tool for the CICS/VS application programmer who wants to define or change map sets and maps for CICS/VS Basic Mapping Support (BMS). SDF/CICS provides the application programmer with a full screen editor and a library to maintain the maps.

This publication contains a general description of the program and its various functions, a list of devices supported, a summary of user installation requirements, and a sample application.

Manual, 8 1/2 x 11 inches, 40 pages, 3/79
/////5740-XYF,5746-XTF

SH19-6133

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM (ELIAS), LIC PROG 5799-AYZ, APPLICATION DESIGN GUIDE

ELIAS is an integrated, pregenerated DB/DC system designed to run on an IBM System/370 Model 115 or 125. ELIAS is derived by system generation from CICS/VS, D./I, ETSS/II, Sort/Merge/VS, COBOL, and DITTO.

The Application Design Guide is intended to be used by the application designer. It presents data base (DL/I), data communication (CICS/VS), and other considerations that should be taken into account during the design stage of an application. The Guide complements the ELIAS Design and Implementation course.

Manual, 8 1/2 x 11 inches, 132 pages, 1/79
/////5799-AYZ/WT-ONLY

SH19-6134

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM (ELIAS), LIC PROG 5999-AYZ PRPG X99906, DB/DC DEEUGGING GUIDE

ELIAS is an integrated, pregenerated DB/DC system designed to run on IBM System/370 Model 115 or 125. ELIAS is derived by system generation from CICS/VS, DL/I, ETSS II, Sort/Merge/VS, COBOL, and DITTO.

The DB/DC Debugging Guide is intended to be used by the application programmers. It describes techniques for solving problems encountered when testing applications. It does not cover system problem determination, which is treated in ELIAS System Problem Determination Guide, SH19-6140.

Manual, 8 1/2 x 11 inches, 94 pages, 12/78
/////5799-AYZ/WT-ONLY

SH19-6135

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM (ELIAS), LIC PROG 5799-AYZ PRPG X99906, SAMPLE HANDECCK

ELIAS is an integrated, pregenerated DB/DC system designed to run on IBM System/370 Model 115 or 125. ELIAS is derived by system generation from CICS/VS, DL/I, ETSS II, Sort/Merge/VS, COBOL, and DITTO.

The Samples Handbook assists the user's analysts and programmers in system design and in the development of application programs. The manual assumes a thorough understanding of ELIAS and DB/DC programming.

Manual, 8 1/2 inches, 204 pages, 12/78
/////5799-AYZ/WT-ONLY

SH19-6136

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM (ELIAS), LIC PROG 5799-AYZ PRPG X99906: APPLICATION PROGRAMMER'S GUIDE

ELIAS is an integrated, pregenerated DB/DC system designed to run on an IBM System/370 Model 115 or 125. ELIAS is derived by system generation from CICS/VS, DL/I, ETSS II, Sort/Merge/VS, COBOL, and DITTO.

Addressed to the application programmer, this manual deals with the principles of Improved Programming Technccgy and describes the process of writing both batch and online programs, using the facilities of COBOL, DL/I, and the bricks supplied by EIIAS.

Manual, 8 1/2 x 11 inches, 134 pages, 12/78
/////5799-AYZ/WT-ONLY

SH19-6137

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM PROGRAMMING RPQ X99906: LIC PROG 5799-AYZ, TERMINAL USER'S GUIDE

ELIAS is an integrated, pregenerated DB/DC system designed to run on an IBM System/370 Model 115 or 125. ELIAS is derived by system generation from CICS/VS, DL/I, ETSS II, Sort /Merge/VS, COBOL, and DITTO.

The Terminal User's Guide is intended to be used by the ETSS/CICS terminal user. It contains descriptions of how to use ETSS and the ELIAS tools to develop or maintain a program, submit the program to POWER/VS for execution, check its status in the system, and receive the output back at the terminal.

Manual, 8 1/2 x 11 inches, 70 pages, 1/79
/////5799-AYZ/WT-ONLY

SH19-6138

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM, LIC PROG 5799-AYZ PRPG X99906, SYSTEM HANDBOOK

ELIAS is an integrated, pregenerated DB/DC system designed to run on an IBM System 370 Model 115 or 125. ELIAS is derived by system generation from CICS/VS, DL/I, ETSS/II, Sort/Merge/VS, COBOL, and DITTO.

The System Handbook is a reference publication describing the usage of the various ELIAS functions. It is addressed to the System Adminstrating functions to help them: Maintain the system-oriented software; maintain DL/I and CICS user-dependent parts; establish and maintain procedures for system operation, system maintenance and problem determination.

Manual, 248 pages, 2/79
/////5799-AYZ/WT-ONLY

SH19-6139

ENTRY LEVEL INTERACTIVE APPLICATION, LIC PROG 5799-AYZ PRPG X99906: CPERATOR'S GUIDE

ELIAS is an integrated, pregenerated DB/DC system designed to run on an IBM System/370 Model 115 or 125. ELIAS is derived by system generation from CICS/VS, DL/I, ETSS II Sort/Merge/VS, COBOL, and DITTO.

The ELIAS Operator's Guide contains the information required by the system operator to operate an IBM System/370 Model 115 or 125, to prepare the system, and to run programs under ELIAS.

Manual, 8 1/2 inches, 88 pages, 12/78
/////5799-AYZ/WT-ONLY

SH19-6140

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM PROGRAMMING RPQ X99906: LIC PROG 5799-AY, PROBLEM DETERMINATION GUIDE

ELIAS is an integrated, pregenerated DB/DC system designed to run on an IBM System/370, Model 115 or 125. ELIAS is derived by system generation from CICS/VS, DL/I, ETSS II, Sort/Merge/VS, COBOL, and DITTO.

The System Problem Determination Guide is intended to be

used by the system operator and the system administrator. It presents information on recognizing system malfunctions; gathering information to be used for debugging; analyzing the information to isolate the cause of the error (hardware, ELIAS software, or application program); and running the service aid program.
Manual, 8 1/2 x 11 inches, 62 pages, 1/79
/////5799-AYZ/WT-ONLY

GH19-6142

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM ELIAS, LIC PROG 5799-AYZ PRPG X99906, AND ELIAS SYSTEM INSTALLATION PRODUCTIVITY OPTION (SIPO), LIC PROG 5750-AYZ (SIPO), DESIGN OBJECTIVES
Deals with general description of the system, programming system, system configuration and programming service classification. It also gives the reference material and compatibility.
Flyer, 8 1/2 x 11 inches, 6 pages, 12/78
/////5799-AYZ,5750-AYZ

GH19-6143

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM AND SYSTEM INSTALLATION PRODUCTIVITY OPTIONS, LIC PROG 5799-AYZ, 5750-AYZ CUSTOMER INFORMATION BULLETIN
ELIAS is designed to provide a simplified set of data base, data communication, timesharing and problem analysis facilities appropriate to users who have no previous experience of implementing DB/DC applications.
Flyer, 8 1/2 x 11 inches, 2 pages, 11/78
/////5799-AYZ,5750-AYZ/WT-ONLY

GH19-6144

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM ELIAS AND SYSTEM INSTALLATION PRODUCTIVITY OPTION, LIC PROG 5799-AYZ (PRPG), 5750-AYZ (SIPO)
IBM Licensed Program Specifications deals with general description of the system, programming systems, and system configuration. It also gives the reference material and compatibility.
Flyer, 8 1/2 x 11 inches, 6 pages, 2/79
/////5799-AYZ,5750-AYZ

GH20-0689

APL/360 PRIMER, STUDENT TEXT
This primer provides an introduction to the APL/360 system and to the APL programming language. It discusses the mechanics of using the system, and shows how to write representative programs for a variety of applications. The treatment is elementary, and for a discussion of advanced system features and available operations, refer to the APL/360 User's Manual.
Course Manual
/////5736-XM1,5734-XM1

GH20-0765

INFORMATION MANAGEMENT SYSTEM/360, VERSION 2, GENERAL INFORMATION MANUAL; PROG. PROD. 5734-XX6
The Information Management System/360 is an Operating System/360 processing program designed to facilitate the implementation of medium to large common data bases in a multiapplication environment. This environment is created to accommodate both online message processing and conventional batch processing, either separately or concurrently. The system permits the evolutionary expansion of data processing applications from a batch-only to a teleprocessing environment.
This manual includes a general description of the system and its various facilities and programs, listings of typical and minimum configurations, and sample applications.
Manual, 112 pages
/////5734-XX6

GH20-0850

APL/360 - OS (5734-XM6) AND APL/360 - DOS (5736-XM6) GENERAL INFORMATION MANUAL
This publication provides a general introduction to the use, operation, and installation of APL/360. APL/360 is a conversational time-shared terminal system utilizing APL (A Programming Language), a concise notation which makes use of well known mathematical symbols, plus a number of symbols that are used for designating other simple and powerful functions. Because APL is closely related to mathematical notation, and its functions operate on sets of information as well as individual data items, the user can write effectively in this language with a minimum of instruction.
APL/360 is designed to operate under either (a) the IBM System/360 Operating System (OS/360), Multiprogramming with a Fixed Number of Tasks (MFT with subtasking) or Multiprogramming with a Variable Number of Tasks (MVT) or (b) the IBM System/360 Disk Operating System (DOS/360).
The manual is in three parts:
Part I describes APL/360 as viewed by a user at a typewriter-like terminal. The statements and commands used to describe the operations to be performed by the APL/360 system are summarized.
Part II describes APL/360 as viewed from the central data processing system location. The system features which facilitate the management and operation of an APL/360

System are summarized.

Part III describes the items to be considered in planning for the installation of an APL/360 System. Minimum machine requirements and storage requirements are provided.
Manual, 65 pages
/////5734-XM6,5736-XM6

GH20-0892

IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) APPLICATION DESCRIPTION, PROG. NO. 5734-XX1
This manual surveys the operational concepts and system capabilities of the Generalized Information System, Version 2. The manual introduces the language of GIS/2 and describes the file organization and processing actions supported by GIS/2.

The Generalized Information System operates under control of the Operating System on System/360 and System/370 and supports a wide variety of applications by providing information-handling capabilities against many typical data base organizations. GIS/2 provides facilities for defining, maintaining, and retrieving data from user files under direction of the using installation and its personnel.
Program Product Manual, 76 pages
/////5734-XX1

GH20-0906

APL/360-OS (5734-XM6), APL/360-DOS (5736-XM6), USER'S MANUAL

This publication provides information necessary to use the APL/360 system. It discusses procedures and equipment required for interacting with the system, how to establish connection between terminal and central computer, how to start and end work sessions, and how to apply system control features. Application of the APL language to user problems is thoroughly discussed, and appendices give both elementary and advanced examples of actual terminal sessions.
Program Product Manual, 160 pages
/////5734-XM6,5736-XM6,5799-AJF

SH20-0910

INFORMATION MANAGEMENT SYSTEM/360, VERSION 2 SYSTEM/APPLICATION DESIGN GUIDE PROGRAM NUMBER 5734-XX6

This manual is a guide for the application analyst or system analyst. Its contents will assist him in the design of an IMS/360 system as well as in the design of the application systems which will run under IMS/360.
Program Product Manual, 300 pages
/////5734-XX6

SH20-0911

INFORMATION MANAGEMENT SYSTEM/360, VERSION 2 SYSTEM PROGRAMMING REFERENCE MANUAL PROGRAM NUMBER 5734-XX6

This manual provides system programming personnel with installation considerations and details for generation (definition) of an IMS/360 system for the user's data processing environment. The security maintenance program is included and message editing capabilities discussed. An IMS/360 sample problem is also provided.
Program Product Manual, 276 pages
/////5734-XX6

SH20-0912

IMS/360 VERSION 2 PRCG 5734-XX6 APPLICATION PROGRAMMING REFERENCE

This manual provides the details needed for an application program to be implemented under IMS/360. This manual is directed to the application programming interface (the coding techniques necessary for implementation of a designed application under the IMS/360 control program). The reader should be familiar with the System/360 System Application Design Guide (SH20-0910) before reading this document.
Program Product Manual, 120 pages
/////5734-XX6

SH20-0913

INFORMATION MANAGEMENT SYSTEM/360, VERSION 2, OPERATOR'S REFERENCE MANUAL PROGRAM NUMBER 5734-XX6

Information Management System/360 (IMS/360) is a processing program (control system) designed to facilitate the implementation of medium to large common data bases in a multi-application environment. This environment is created to accommodate both on-line message processing and conventional batch processing, either separately or concurrently. The system permits the evolutionary expansion of data processing applications from a batch-only to a teleprocessing environment.

This manual provides the operator with the information associated with operating IMS/360 once the system has been established in a user environment.
Program Product Manual, 152 pages
/////5734-XX6

SH20-0914

INFORMATION MANAGEMENT SYSTEM/360, VERSION 2, MESSAGES AND CODES REFERENCE MANUAL, PROGRAM NUMBER 5734-XX6

Information Management System/360 (IMS/360) is a processing

program (control system) designed to facilitate the implementation of medium to large common data bases in a multi-application environment. This environment is created to accommodate both on-line message processing and conventional batch processing, either separately or concurrently. The system permits the evolutionary expansion of data processing applications from a batch-only to a teleprocessing environment.

This manual lists, explains, and suggests appropriate responses to the completion codes, status codes, and messages produced by the IBM-supplied components of the IMS/360 system.
Program Product Manual, 104 pages
/////5734-XX6

SB20-0915

INFORMATION MANAGEMENT SYSTEM/360 VERSION 2 UTILITIES REFERENCE MANUAL, PROG. NO. 5734-XX6
This manual explains how to execute the IMS/360 utilities programs under Operating System/360. Described are data base description generation and program specification block generation, data base recovery and data base reorganization, and system log analysis.
Program Product Manual, 224 pages
/////5734-XX6

SB20-0938

APL/360 - DOS OPERATIONS AND INSTALLATION MANUAL, PROGRAM NUMBER 5736-XX6
This manual is in three parts.
Part I gives instructions for operating the APL/360 time-sharing system. Suggestions for good practice in time-sharing and remote-computing operation are included.
Part II gives instructions for operating the APL/360 utility programs.
Part III describes the procedure for incorporating APL into an existing installation. It includes instructions for preparing the BOST system for APL, allocating resources, and restoring the APL distributed library. Common problems encountered during system installation are noted and analyzed.
Program Product Manual, 80 pages
/////5736-XX6

SB20-1007

INFORMATION MANAGEMENT SYSTEM/360 VERSION 2 MASTER INDEX PROGRAM NUMBER 5734-XX6
This is a consolidated alphabetic index to all the documents in the set of eleven IMS/360 Version 2 manuals. The titles of the individual manuals, along with abbreviated titles and order numbers, are as follows:
General Information Manual - GIM (GB20-0765)
System/Application Design Guide - SADS (SB20-0910)
Application Programming Reference Manual - APRM (SB20-0912)
System Programming Reference Manual - SPRM (SB20-0911)
Operator's Reference Manual OPRM (SB20-0913)
Utilities Reference Manual - UTRM (SB20-0915)
Messages and Codes Reference Manual - M & C (SB20-0914)
System Manual, Volume I - Text - SM (LY20-0629)
System Manual, Volume II - Flowcharts - SM-II (LY20-0630)
System Manual, Volume III - DP Microfiche - SM III (LYB0-0631)
System Manual, Volume IV - DC Microfiche - SM-IV (LYB0-0632)

The reader's attention is called to the fact that many of the commas in the index are used in the SORT program and do not necessarily indicate a reversal of word sequence.
Program Product Manual, 60 pages
/////5734-XX6

GB20-1027

STAT/BASIC FOR SYSTEM/3 MODEL 6, ITF, AND VM/370-CMS: GENERAL INFORMATION, PROG. NOS. 5703-XA1, 5734-XA3
STAT/BASIC is a comprehensive set of interactive statistical programs for System/3 Model 6 and ITF (DOS, OS, or TSO). It consists of 40 BASIC programs, providing the user with procedures for data generation, elementary statistics, regression and correlation analysis, multivariate analysis, analysis of variance, nonparametric statistics, time series analysis, and biostatistics. The interactive features include instructional messages, flexible control of calculations, extensive error checking, and data editing.

This manual provides an overview of STAT/BASIC, describing the program features, usage, maximum problem sizes, precision, timing, system requirements, and customer responsibilities. It also includes a sample problem to illustrate the use of STAT/BASIC.
Manual, 40 pages
/////5703-XA1, 5734-XA3

GB20-1028

CUSTOMER INFORMATION CONTROL SYSTEM (CICS) DCS-ENTRY (CICS/DOSE) DOS-STANDARD (CICS/DOSS) OS-STANDARD V2 (CICS/OS) GENERAL INFORMATION MANUAL PROGRAM NUMBERS 5734-XX7, 5736-XX6, 5736-XX7
The IBM Customer Information Control System (CICS) is a Transaction-oriented, multiapplication data base/data communication interface between a System/360 or System/370 operating system and user-written application programs. Applicable to most online systems, CICS provides many of the facilities necessary for standard terminal applications: message switching, inquiry, data collection, order entry, and conversational data entry.
CICS is available in three systems--two for DOS users and one for OS USERS. Because the two CICS/DOS systems are compatible with each other and with the CICS/OS system, it is possible to start with a small DOS data base/data communication configuration and move up through DOS into OS.
This manual is designed for persons interested in a general description of CICS and its data base/data communication capabilities.
Manual, 84 pages
/////5736-XX6, 5736-XX7, 5734-XX7

SB20-1030

IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) PROGRAM DESCRIPTION MANUAL, VOLUME 1: SYSTEM OVERVIEW AND CONTROL, PROG. PROD. 5734-XX1
The IBM Generalized Information System, Version 2, abbreviated GIS/2, consists of an integrated set of programs to provide general-purpose information handling. User input statements initiate and direct the system functions of creating, querying, and maintaining formatted data files variously structured. GIS routines are completely coded in the Assembler Language and operate under the overall control of OS with MPT or MVT.
This manual is presented in three volumes, the first of which describes the GIS monitor program and the capabilities associated with it. Data Description (file definition) facilities and Procedural Language facilities are specified in Volumes 2 and 3, respectively.
Program Product Manual, 40 pages
/////5734-XX1

SB20-1032

IBM GENERALIZED INFORMATION SYSTEM, VERSION 2 (GIS/2) OPERATIONS MANUAL - PROGRAM NUMBER 5734-XX1
This manual addresses operations personnel intending to run the Generalized Information System, Version 2 (GIS/2), under the Operating System with Multiprogramming with a Fixed Number of Tasks or Multiprogramming with a Variable Number of Tasks. Contents include SYSGEN procedures, execution procedures, and diagnostic messages available to the system user.
Program Product Manual, 160 pages
/////5734-XX1

SB20-1033

GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) VOLUME 3, PROCEDURAL LANGUAGE - PROGRAM DESCRIPTION MANUAL PROGRAM NUMBER 5734-XX1
This manual describes the executive-information handling capabilities of statements written in the procedural language of the Generalized Information System, Version 2. Generic statement formats, examples, and detailed constraints specify the syntax and use of the various task statements.
Although the abbreviated title GIS/2 refers formally to version 2 of an earlier GIS release, the expressions GIS and GIS/2 are synonymous as they may appear herein.
Program Product Manual, 148 pages
/////5734-XX1

SB20-1034

CUSTOMER INFORMATION CONTROL SYSTEM (CICS) OPERATIONS GUIDE - PROGRAM NUMBERS DOS-ENTRY 5736-XX6 DCS-STANDARD 5736-XX7
The IBM Customer Information Control System (CICS) is a highly responsive, transaction-oriented, multiapplication data base/data communication interface between a System/360 or System/370 operating system and user-written application programs. In addition to the functions required for inquiry and conversational data entry, this open-ended, table-controlled, event-driven system provides many of the facilities necessary for standard terminal applications such as message switching, broadcasting, data collection, and order distribution.
CICS is available in three systems--two for DOS users and one for OS users. Because the two CICS/DOS systems are compatible with each other and with the CICS/OS system, it is possible to start with a small data base/data communication configuration and move up through DOS into OS.
This manual provides information of interest to persons responsible for the definition, preparation, and execution of CICS. Included is the information necessary to generate and operate CICS.
Manual, 80 pages
/////5736-XX6, 5736-XX7

SB20-1040

GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) VOLUME 2:
DATA DESCRIPTION LANGUAGE - PROGRAM DESCRIPTION MANUAL
PROGRAM NUMBER 5734-XX1

This volume specifies the format and content of computer input statements defining data files to be processed. Data description language facilities are discussed in a sequence generally corresponding to a system user's need for those facilities. Descriptive language statements are illustrated as input lines in keyword format representative of punched-card fields.
 Program Product Manual, 148 pages
 ////5734-XX1

SB20-1043

CUSTOMER INFORMATION CONTROL SYSTEM (CICS) SYSTEM
PROGRAMMER'S REFERENCE MANUAL PROGRAM NUMBERS
DOS-ENTRY 5736-XX6, DOS-STANDARD 5736-XX7,
OS-STANDARD V2 5734-XX7

The IBM Customer Information Control System (CICS) is a transaction-oriented, multiapplication data base/data communication interface between a System/360 or System/370 operating system and user-written application programs. Applicable to most on-line systems, CICS provides many of the facilities necessary for standard terminal applications: message switching, inquiry, data collection, order entry, and conversational data entry.
 CICS is available in three systems--two for DOS users and one for OS users. Because the two CICS/DOS systems are compatible with each other and with the CICS/OS system, it is possible to start with a small data base/data communication configuration and move up through DOS into OS.
 This manual provides information essential for persons who have the responsibility to define, prepare, and administer CICS in the environment it supports.
 Manual, 220 pages
 ////5736-XX6,5736-XX7,5734-XX7

SB20-1044

CUSTOMER INFORMATION CONTROL SYSTEM (CICS) TERMINAL
OPERATOR'S GUIDE - PROGRAM NUMBERS DOS-ENTRY 5736-XX6,
DOS-STANDARD 5736-XX7, OS-STANDARD V2 5734-XX7

The IBM Customer Information Control System (CICS) is a transaction-oriented, multiapplication data base/data communication interface between a System/360 or System/370 operating system and user-written application programs. Applicable to most on-line systems, CICS provides many of the facilities necessary for standard terminal applications: message switching, inquiry, data collection, order entry, and conversational data entry.
 CICS is available in three systems--two for DOS users and one for OS users. Because the two CICS/DOS systems are compatible with each other and with the CICS/OS system, it is possible to start with a small data base/data communications configuration and move up through DOS into OS.
 This manual provides information of interest to persons involved with terminal operation. These persons include terminal operators, terminal supervisors, master terminal operators, application programmers, system programmers, and system administration.
 Manual, 52 pages
 ////5736-XX6,5736-XX7,5734-XX7

SH20-1047

CUSTOMER INFORMATION CONTROL SYSTEM (CICS) APPLICATION PRO-
GRAMMER'S REFERENCE MANUAL PROGRAM NUMBERS 5736-XX6
(DOS-ENTRY) 5736-XX7 (DOS-STANDARD; 5734-XX7
(OS-STANDARD V2)

The IBM Customer Information Control System (CICS) is a transaction-oriented, multiapplication data base/data communication interface between a System/360 or System/370 operating system and user-written application programs. Applicable to most online systems, CICS provides many of the facilities necessary for standard terminal applications: message switching, inquiry, data collection, order entry, and conversational data entry.
 CICS is available in three systems--two for DOS users and one for OS users. Because the two CICS/DOS systems are compatible with each other and with the CICS/OS system, it is possible to start with a small DOS data base/data communication configuration and move up through DOS to OS.
 This manual provides information of interest to persons defining, designing, and preparing application programs to execute under CICS.
 Program product manual, 184 pages
 ////5736-XX6,5734-XX7,5736-XX7

SH20-1048

CUSTOMER INFORMATION CONTROL SYSTEM (CICS) OPERATING SYSTEM
STANDARD VERSION 2 OPERATIONS GUIDE
PROGRAM NUMBER 5734-XX7

The IBM Customer Information Control System (CICS) is a transaction-oriented, multiapplication data base/data communication interface between a System/360 or System/370 operating system and user written application programs. In addition to the functions required for inquiry and conversational data entry, this open-ended, table-controlled, event-driven system provides many of the facilities necessary for standard terminal applications such as message switching, broadcasting, data collection, and order distribution.
 CICS is available in three systems - two for DOS users

and one for OS users. Because the two CICS/DOS systems are compatible with each other and with the CICS/OS system, it is possible to start with a small data base/data communication configuration and move up through DOS into OS.
 This manual provides information of interest to persons responsible for the definition, preparation, and execution of CICS. Included is the information necessary to generate and operate CICS.
 Manual, 52 pages
 ////5734-XX7

SB20-1069

STAT/BASIC FOR SYSTEM/3 MODEL 6, ITF, AND VM/370-CMS:
PROGRAM REFERENCE - PROGRAM NUMBERS 5703-XA1, 5734-XA3
 STAT/BASIC is a comprehensive set of interactive statistical programs for System/3 Model 6 and ITF. It consists of 40 BASIC programs, providing the user with procedures for data generation, elementary statistics, regression and correlation analysis, multivariate analysis, analysis of variance, non-parametric statistics, time series analysis, and biostatistics. The interactive features include instructional messages, flexible control of calculations, extensive error checking, and data editing.

This manual provides the details of the STAT/BASIC programs. It covers scope and characteristics, processing descriptions, terminal operation, input/output description, program description, system requirements, and program modification aids.
 In this manual, ITF refers to DOS-ITF, CE-ITF, and TSC-ITF.
 Manual, 220 pages
 ////5703-XA1,5734-XA3

SB20-1070

STAT/BASIC FOR ITF AND VM/370-CMS: OPERATIONS GUIDE,
PROGRAM NUMBER 5734-XA3

This manual provides the information needed to generate, run, and maintain STAT/BASIC.
 Program Product Manual, 20 pages
 ////5734-XA3

GH20-1074

INTERACTIVE QUERY FACILITY (IQF) FOR IMS/360 VERSION 2
PROGRAM NUMBER 5734-XX6 - GENERAL INFORMATION MANUAL

The Interactive Query Facility (IQF) is provided as a feature for users of the IBM Information Management System (IMS/360) Version 2, Program Product 5734-XX6. IQF offers the capability for spontaneous online query capability, and retrieval and display of data maintained within IMS/360 teleprocessing data bases. IQF runs as a standard IMS/360 application program under IMS/360 Version 2 and uses standard IMS/360 resources for describing data, accessing data, and communicating with the user's terminal.

This manual provides a general description of IQF and its various facilities and programs, describes the IQF query language and the required IQF-IMS/360 machine configurations, and includes sample applications (examples of terminal queries that a user might employ).

IQF operates with all System/360 and System/370 computers supported by IMS/360 version 2. All references to IMS/360 Version 2 in this manual assume Modification Level 1 or higher, with the full Data Base/Data Communication System.

This manual has been prepared for both data processing and non-data processing management and personnel. Knowledge of the information contained in the MIS/360 Version 2 General Information Manual (GH20-0765) will be helpful in understanding the relationship of IQF to IMS.
 Program Product Manual, 54 pages
 ////5734-XX6

SH20-1103

S/370 MCGILL UNIVERSITY SYSTEM FOR INTERACTIVE COMPUTING
(MUSIC) RELEASE II, IUP 5796-ATL DESCRIPTION/OPERATIONS

A new release of the MUSIC Timesharing System is now available. It contains system support for S/370 Models 125, 158, 165 and 168, including 3330/3333 Model II, 3704/3705, enhancements to BASIC and APL workspace support. In addition, its interface to VM/370 has been improved to provide more efficient operation when running in a virtual machine under VM/370 control. Programming services have been extended until December 31, 1974.

MUSIC offers a high performance and high function timesharing facility previously unavailable to the low entry System/370 user.

Manual
 ////5796-ATL

SH20-1104

S/370 MCGILL UNIVERSITY SYSTEM FOR INTERACTIVE COMPUTING
MUSIC RELEASE II USER'S GUIDE - IUP NUMBER 5796-ATL

A new release of the MUSIC Timesharing System is now available. It contains system support for S/370 Models 125, 158, 165 and 168, including 3330/3333 Model II, 3704/3705, enhancements to BASIC and APL workspace support. In addition, its interface to VM/370 has been improved to provide more efficient operation when running in a virtual machine under VM/370 control. Programming services have been extended until December 31, 1974.

MUSIC offers a high performance and high function timesharing facility previously unavailable to the low entry System/370 user.

Manual
 ////5796-ATL

GH20-1128

MATH/BASIC FOR SYSTEM/3 MODEL 6, ITF, AND VM/370-CMS GENERAL INFORMATION MANUAL, PROG. NOS. 5703-XM2 (SYSTEM/3) AND 5734-XM8 (ITF AND VM/370-CMS)
 MATH/BASIC provides easy-to-use powerful mathematics problem-solving tools to the user of BASIC. The program operates on the IBM System/3 Model 6 or under the Interactive Terminal Facility (ITF) or under VM/370-CMS for System/360 or System/370. It consists of 44 BASIC routines covering the solution of linear questions, matrix eigen problems, polynomial equations, numerical quadrature, numerical differentiation, interpolation, approximation, smoothing, solution of systems of ordinary differential equations, fast Fourier transform, special functions and linear programming.

The user can employ any of the programs as stand-alone or can merge one or more of them into his own programs. The modules of MATH/BASIC can be applied to many problems that occur in science, engineering, and related fields.

This manual provides an overall view of MATH/BASIC. It describes the program features, usage, maximum problem size, precision, timing, system requirements, and customer responsibilities. Examples are included to illustrate the use of the program.
 Manual, 21 pages
 ////5703-XM2,5734-XM8

GH20-1152

RCA 301 EMULATOR ON SYSTEM/370 USING DOS AND DOS/VS (PRPQ) - TRANSITION GUIDE, PROG. NO. 5799-ADR
 This publication presents areas for consideration while planning and implementing the transition from the RCA 301 to the IBM System/370 Model 135 and 145. It is intended as an aid to management in making a total project plan. The transition plan discusses the objectives and techniques of transition, schedules, file conversion, program conversion, education and installation standards.

The guide also discusses the use of DOS resources and the differences between an RCA system and an IBM System/370. Because of the differences among data processing installations, the guidelines in this publication should be adjusted to fit the reader's particular operating conditions.
 Manual, 40 pages
 ////5799-ADR

GH20-1153

HONEYWELL SERIES 200 EMULATOR ON SYSTEM/370 USING DOS AND DOS/VS (PRPQ) - TRANSITION GUIDE, PROG. NO. 5799-ADT
 This publication presents areas for consideration while planning and implementing the transition from the Honeywell Series 200 to the IBM System/370 Models 135 and 145. It is intended as an aid to management in making a total project plan. The transition plan discusses the objectives and techniques of transition, schedules, file conversion, program conversion, education and installation standards.

The guide also discusses the use of DOS resources and the differences between a Honeywell system and an IBM System/370. Because of the differences among data processing installations, the guidelines in this publication should be adjusted to fit the reader's particular operating conditions.
 Manual, 40 pages
 ////5799-ADT

SH20-1157

MATH/BASIC FOR ITF AND VM/370-CMS: OPERATIONS GUIDE, PROGRAM NUMBER 5734-XM8

This manual provides the information needed to install, run, and maintain MATH/BASIC on System/370. It is assumed that the user has an installed ITF or VM/370-CMS System.
 Manual, 25 pages
 ////5734-XM8

SH20-1158

MATH/BASIC FOR SYSTEM/3 MODEL 6, ITF AND VM/370-CMS PROGRAM REFERENCE MANUAL, PROG. NOS. 5703-XM2 (S/3) AND 5734-XM8 (ITF-OS/DOS/TSO AND VM/370-CMS)

MATH/BASIC is a library of 44 conversational routines covering the most frequent mathematical problems in engineering and science. This manual contains sufficient information needed to understand and use MATH/BASIC.
 Manual, 244 pages
 ////5703-XM2,5734-XM8

GH20-1171

SYSTEM/370 DISTRIBUTED SYSTEM PROGRAM (S/370 DSP) GENERAL INFORMATION MANUAL, PROG. NO. 360A-TX-032

System/370 Distributed System Program (S/370 DSP) provides the means for operating an IBM System/370 connected to one or more System/7's as a single system with distributed facilities. This manual describes the support that is available to the user of the S/370 DSP. Included are descriptions of the subroutines, available to programs resident in System/370, and the macros, available to programs resident in System/7.
 Manual, 44 pages
 360,370/C/36/OS,OTSO,OASP/5010/

GH20-1173

IBM SYSTEM/360 AND SYSTEM/370 ASP VERSION 3 ASYMMETRIC MULTI PROCESSING SYSTEM: GENERAL INFORMATION MANUAL, PROG. NO. 360A-CX-15X

The ASP system is a multiprocessing operating system that provides a compatible extension to the Operating System (OS). Designed for the user with a large computer job shop environment, ASP provides increased automation of the computing operation. The ASP system functions as a programmed operator of OS. It provides advanced scheduling facilities for optimizing the total installation production.
 Manual, 52 pages
 360,370//36/OASP//

GH20-1175

BUSINESS ANALYSIS/BASIC GENERAL INFORMATION MANUAL, PROG. NOS. 5703-XM3 (SYSTEM/3 MCDL 6) AND 5734-XM6 (ITF-OS/DCS/TSO AND VM/370-CMS)

Business Analysis/BASIC is a comprehensive set of interactive routines for use on System/3 Model 6, System/360 or System/370 with ITF (DCS, OS, or TSO) or VM/370-CMS. It consists of 30 routines written in the BASIC language, providing the problem-solving professional with procedures for data generation and maintenance, spread sheet analysis, investment analysis, break-even or cost-volume profit analysis, depreciation analysis, and time series analysis. The program is designed so that a detailed knowledge of programming is not required. Interactive features include instructional messages, flexible control of calculation, extensive error checking and data editing.

This manual provides an overview of Business Analysis/BASIC, describing the program features, data file concepts, usage, maximum problem sizes, precision, timing, system requirements, and customer responsibilities. It also includes an "Application Handbook" consisting of a number of case studies illustrating use of the routines.
 Manual, 60 pages
 ////5703-XM3,5734-XM6

SH20-1177

PLANNING GUIDE FOR THE DL/I QUERY SUPPORT FEATURE OF GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) PROGRAM NUMBER 5734-XX1

This document describes the use and characteristics of the DL/I (Data Language I) Query Support Feature of the Generalized Information System, Version 2 (GIS/2). This feature provides the means by which a person can employ the GIS query language against DL/I data bases of Information Management System/360, Version 2 (IMS).
 Manual, 32 pages
 ////5734-XX1

GH20-1222

INTERACTIVE QUERY FACILITY (IQF) INTRODUCTION LANGUAGE GUIDE PROGRAM NUMBER 5734-XX6

This publication is designed to acquaint the reader with the capabilities of the Interactive Query Facility (IQF) language. It is written especially for those personnel who need to become familiar with the language so that they can enter queries against their IMS/360 data bases. It is also provided for data processing management personnel who need to evaluate the benefits of IQF as a tool in their IMS/360 Version 2 installations (Modification Level 2 or higher, with the full Data Base/Data Communication System).
 Manual, 28 pages
 ////5734-XX6

GH20-1223

IQF TERMINAL USERS REFERENCE GUIDE (INTERACTIVE QUERY FACILITY) (IMS/360) - PROGRAM NUMBER 5734-XX6

The Interactive Query Facility (IQF) is provided as a feature for users of the IBM Information Management System (IMS/360) Version 2, Program Product 5734-XX6. IQF offers the capability for spontaneous online query and retrieval and display of data maintained within IMS/360 data bases.

IQF analyzes user queries, determines the most efficient search technique for data selection, gathers data, formats the output, and prints it at the inquiring terminal.

This guide has been prepared for both data processing and non-data processing management and personnel and provides a quick reference to rules pertaining to use of the IQF query language.

A complete listing of IQF diagnostic message is included in appendix A of this publication. Sign-on procedures for IQF-supported terminals are described in Appendix E.

This publication assumes that the reader is familiar with the contents of Introduction to the IQF Language (GH20-1222) and knows how to enter queries at his terminal.
 Manual, 40 pages
 ////5734-XX6

GH20-1246

DATA LANGUAGE/I DISK OPERATING SYSTEM/VIRTUAL STORAGE (DL/I DOS/VS) GENERAL INFORMATION MANUAL - PROGRAM NUMBER 5746-XX1

Data Language/I Disk Operating System/Virtual Storage (DL/I DOS/VS) is a data management control system developed to assist the user in implementing data base processing appli-

cations. It provides data organization methods that are conducive to the creation of, access to, and maintenance of large common data bases. DL/I DOS/VS permits the evolutionary expansion of data processing applications from a batch-only environment to a teleprocessing environment such as the Customer Information Control System DOS/VS (CICS/DOS/VS).

This manual includes a general description of the system and its various facilities and programs, listings of typical and minimum configurations, and sample applications. Program Product Manual, 60 pages
 /////5746-XX1

GH20-1251

DISPLAY MANAGEMENT SYSTEM II (DMS II) GENERAL INFORMATION MANUAL - PROGRAM PRODUCTS 5734-XC4 AND 5736-XC4
 The Display Management System II (DMS II) is a set of programs designed to simplify the implementation of online data processing operations using the 3270 Information Display System. The display management, file management, and message handling capabilities offered by DMS II make it possible to implement many new or existing applications in an online environment with little or no user programming. Preprogrammed facilities are provided to perform display operations such as paging and panel selection; file operations such as data entry, inquiry, record update, and file search; and message routing between display stations. Application specification is simplified through the use of DMS II forms on which the user describes data files, designs 3275/77 Display Station Images (panels), and describes the utility operations required by the application.

The Display Management System II operates under control of the IBM Customer Information Control System (CICS).

This manual provides an overview of the Display Management System II functions. Statements of customer responsibilities, programming system requirements, and system configuration are included.

Manual, 60 pages
 /////5736-XC4, 5734-XC4

GH20-1260

IMS/VS GENERAL INFORMATION MANUAL, PROG. PROD. 5740-XX2
 IMS/VS is an OS/VS system program designed to facilitate user implementation of data base system in a batch and/or online environment supporting a wide variety of applications.

The purpose of this manual is twofold. First, by providing an overview description of the IMS/VS product, it enables new and prospective users to acquaint themselves with IMS/VS functions and the hardware and software products prerequisite to using IMS/VS. This information is fundamental to being able to consider how using IMS/VS can satisfy business needs. Second, it informs current users of new IMS/VS facilities and enables them to consider whether the new facilities can be applied at their installation.

This manual includes a general description of the system and its various facilities and programs, diagrams of typical hardware configurations, sample applications, and a guide for using the IMS/VS manuals.

Manual, 8 1/2 x 11 inches, 124 pgs, 7/77
 /////5740-XX2

SB20-1262

BUSINESS ANALYSIS/BASIC FOR ITP AND VM/370-CMS OPERATIONS GUIDE, PROG. NO. 5734-XMB

Business Analysis/BASIC contains 30 routines which permit the user to interact with the computer. All routines are written in the BASIC language for implementation on ITP (OS, DOS, TSO) and VM/370-CMS. The routines are designed to ask the user to enter his problem parameters and data and to make decisions at key points in the analysis. Options are provided for enhanced operating convenience and flexibility.

This manual provides the information needed to generate, run, and maintain Business Analysis/BASIC. It is assumed that the user has an installed ITP system.

Manual, 31 pages
 /////5734-XMB

SB20-1264

BUSINESS ANALYSIS/BASIC PROGRAM REFERENCE MANUAL, PROG. NOS. 5703-XM4 (S/3 MOD 6), 5734-XMB (ITP-OS/DOS/TSO & VM/370-CMS)
 This marketing support manual describes the CALL-OS business Analysis/BASIC program.

Manual
 /////5703-XM3, 5734-XMA, 5734-XMB

GH20-1272

DATA BASE DESIGN EVALUATION (DBPROTOTYPE) GENERAL INFORMATION MANUAL - IUP NUMBER 5796-PBB

This manual contains introductory information about the purpose and capabilities of the six DBPROTOTYPE programs.

Manual, 26 pages
 /////5796-PBB

GH20-1273

PROGRAMMING LANGUAGE FOR IMS-PLIMS GENERAL INFORMATION MANUAL - IUP NUMBER 5796-PBF

PLIMS, a macro language extension of PL/I, is a programming aid designed to reduce the programming effort required to produce IMS batch and/or teleprocessing programs. PLIMS

statements are expanded during PL/I preprocessing into the declaratives, statements and procedures necessary to compile a complete IMS application program. This manual summarizes the PLIMS features and facilities, including the PLIMS statements available.

Manual, 16 pages
 /////5796-PBF

GH20-1289

ASYMMETRIC MULTIPROCESSING SYSTEM OPERATOR'S MANUAL, PROG. NO. 360A-CX-15X

This manual contains instructions that enable the computer operator to run the ASP system. ASP console operations are similar in most respects to those of the System/360 and System/370 Operating System (OS). Therefore, to avoid repetition of documentation, the material in this manual has been prepared with the assumption that the operator is familiar with the IBM Operating System. Details on OS operations are given in IBM System/360 Operating System: Operator's Reference (GC28-6691), IBM System/360 Operating System: Operator's Procedures (GC28-6692), Operator's Library OS/VS2 Reference (GC38-0210), and in their prerequisite and recommended publications.

Manual, 204 pages
 360,370//36/OASP//

GH20-1290

ASYMMETRIC MULTIPROCESSING SYSTEM: MESSAGES & CODES MANUAL, PROGRAM NUMBER 360A-CX-15X

This manual describes the messages and codes unique to the ASP system. It is designed to provide a reference for use by both the operator and the system programmer. Certain OS messages have been modified by ASP and those messages are contained in this manual.

Manual, 202 pages
 360,370//36/CASP//

GH20-1291

ASYMMETRIC MULTIPROCESSING SYSTEM - APPLICATION PROGRAMMER'S MANUAL - PROGRAM NUMBER 360A-CX-15X

This manual contains information concerning system concepts programming considerations, control cards, deck setup, and output. OS is the primary operating system used for ASP; therefore, to avoid repetition of documentation, the material in this manual has been prepared on the assumption that the programmer is familiar with OS programming and has previously read the ASP Version 3 General Information Manual GH20-1173.

Manual, 75 pages
 360,370//36/OASP//

GH20-1292

IBM S/360 AND S/370 ASP VERSION 3 ASYMMETRIC MULTIPROCESSING SYSTEM, SYSTEM PROGRAMMER'S MANUAL, PROG 360A-CX-15X

The ASP system is a multiprocessing operating system that provides a compatible extension to the Operating System (OS). Designed for the user with a large computer job-shop environment, ASP provides increased automation of the computing operation. The ASP system functions as a programmed operator of OS. It provides advanced scheduling facilities for optimizing total installation production.

This manual contains information on how to generate the ASP system from the distributed tape and how to customize the ASP system to fill the needs of each specific installation. It also provides a functional description of the ASP program and its many parts.

Manual, 368 pages
 360,370//36/OASP//

SH20-1296

FASTER LANGUAGE FACILITY PROGRAM REFERENCE MANUAL AND OPERATIONS GUIDE PROG. NOS. 5740-XX1 (CICS/OS/VS), 5746-XX3 (CICS/DOS/VS)

The FASTER Language Facility is a feature of CICS/DOS/VS and CICS/OS/VS which makes possible the running of most FASTER Transaction Processing Descriptions (TPDs) under CICS/VS. The feature consists of a set of language macros and processing routines designed as a migration aid for users of the five FASTER systems. All language macros present in the FASTER programs are present in the FASTER Language Facility.

This manual provides a detailed description of the language facility's functions and capabilities. In addition it describes the coding of macro instructions and how to implement, test, and maintain the FASTER Language Facility.

Manual, 156 pages
 /////

SH20-1303

DBPROTOTYPE PROGRAM DESCRIPTION/OPERATIONS MANUAL - IUP NUMBER 5796-PBE

This manual describes how to use and install the six DBPROTOTYPE programs.

Manual, 162 pages
 /////5796-PBE

SB20-1304

PROGRAMMING LANGUAGE FOR IMS - PLIMS PROGRAM DESCRIPTION/OPERATIONS MANUAL - IUP NUMBER 5796-PBF
 PLIMS, a macro language extension of PL/I, is a programming aid designed to reduce the programming effort required to produce IMS batch and/or teleprocessing applications. Many teleprocessing functions have been preprogrammed so all the programmer has to do is code the corresponding PLIMS statement. This statement is expanded during PL/I, preprocessing into source statements customized to the application's program specification block (PSB). This manual describes the compilation of a PLIMS program, and the PLIMS statements, program variables, operates and attributes, and control parameters which affect compilation. Manual, 68 pages
 ////5796-PBF

SB20-1305

IMSMAP - DATA BASE MAPPING PROGRAMS - PROGRAM DESCRIPTION/OPERATIONS MANUAL - IUP NUMBER 5796-PBC
 The IMSMAP - Data Base Mapping Programs are DBMAP and PSMAP. DBMAP builds and prints maps of IMS physical and logical data bases; PSMAP builds and prints maps of IMS physical and logical data bases associated with program specification blocks. This manual describes the programs, their installation into the user's system, required JCL, map formats, several examples of each program, and the error messages. Manual, 14 pages
 ////5796-PBC

SB20-1306

BTS (BATCH TERMINAL SIMULATOR) PROGRAM DESCRIPTION/OPERATIONS MANUAL - IUP NUMBER 5796-PBD
 The Batch Terminal Simulator (BTS) is a batch-oriented program designed to simulate IMS/360 with regard to the execution of application programs, both batch and teleprocessing. The facilities inherent in the BTS design philosophy provide the user with a comprehensive means of checking and debugging:

- o Application Program Logic
- o S/360 interfaces
- o Teleprocessing activity
- o Data base interaction

In addition, BTS provides a number of debugging aids and application performance impact statistics. This publication provides a general description of BTS, and describes in detail the program's functional abilities and how to use them. The publication also includes explanations of BTS messages, and describes the BTS output listing. Manual, 68 pages
 ////5796-PBD

SB20-1307

TEST IMS UTILITIES PROGRAM DESCRIPTION/OPERATIONS MANUAL IUP NUMBER 5796-PBE
 The test IMS utilities include programs to create a test data base, compare an old and a new version of the same data base, list one or more records from a data base, and create an unloaded version of the data base. An integral part of the operation of the utilities is the segment description module, which contains a physical description of each field in every segment of a data base. This manual describes the operation and use of the utilities and the generation, format, and use of the segment description module. In addition, installation guidelines are provided, including test cases for all the utilities. Manual, 120 pages
 ////5796-PBE

SB20-1358

S/370 CICS ON LINE TEST/DEBUG CON EDISON - IUP 5796-AEF DESCRIPTION/OPERATIONS
 CICS On-Line Test/Debug provides the programmer with the facilities to test and debug application programs or user files while CICS is operating by entering command statements via a 3270 Information Display System. The features include the ability to display any location in main memory of the machine, alter any location within the CICS job step boundaries, stop the execution of a specific CICS task at a specific address within an application program, display and alter storage records on any data set available to the CICS job step, immediately update changes made to storage records on file, and open or close files on-line. In effect, this program provides a programmer with access to a 3270 the ability to "console debug" programs without interrupting the normal operation of your installation. Manual, 72 pages
 ////5796-AEF

SB20-1359

S/370 CICS/COBOL CALL INTERFACE NATIONAL BANK OF DETROIT 5796-ABG DESCRIPTION/OPERATIONS
 Current users of the Customer Information Control System (CICS) who are writing application programs in ANS COBOL usually with Assembler Language macros in the middle of their application programs. This procedure requires the use of the CICS Preprocessor Program and two compilations of the program, one for the Assembler Language macros and one for the COBOL. This program provides a COBOL/CICS interface technique

which eliminates the use of the CICS Preprocessor Program and makes the writing and debugging of ANS COBOL/CICS application programs considerably easier. The system consists of 12 modules, one for each of the CICS management functions, and a Resident Interface Module. When the COBOL application programmer requires a CICS service, rather than write an Assembler Language macro, he simply codes a predefined COBOL CALL statement passing a list of parameters depending upon the service requested. The test CICS macro is then issued in the subsequently called CICS Service Handler and control is returned to the requesting COBOL program upon completion of the CICS service. Manual, 178 pages
 ////5796-ABG

SB20-1360

3270 FORMATTING FEATURE FOR BATCH TERMINAL SIMULATOR (BTS) IUP 5796-PED DESCRIPTION/OPERATIONS
 The 3270 Formatting Feature is an expansion of the Batch Terminal Simulator IUP (5796-PBD); which is described in Availability Notice 6320-1523. BTS allows IMS batch, batch message and message processing programs to be tested without having teleprocessing hardware installed. The addition of the 3270 Formatting Feature provides the ability to test applications using the IMS Message Formatting Service (MFS) without the use of 3270 hardware. This means that development of new online applications, or conversion of batch programs for online use, can proceed while still in the batch only test/development mode. Manual, 55 pages
 ////5796-PED

SB20-1361

TEST DATA GENERATOR: IUP 5796-PBP DESCRIPTION/OPERATIONS
 Test Data Generator constructs data used in testing an application program. The user describes the characteristics of the data and supplies the "seed" for a random number generator; the program constructs test files containing randomly generated data and optionally gives the user a listing of what was generated. The use of Test Data Generator to create data for testing the logic of application programs should provide savings by not having to prepare test data manually, thus reducing programming time and eliminating the heavy volume of keypunching normally required to establish test files. It should also provide less biased data for the actual test. Frequently, it can eliminate or postpone the writing and testing of data file load programs. This manual is intended for use by an application programmer who desires to use the Test Data Generator to construct test files for his program. A general knowledge of System/360 and System/370 concepts is assumed, as well as knowledge of the job control language. Manual, 180 pages
 ////5796-PBP

SB20-1368

DATA COMMUNICATION ANALYZER (DCANALYZER) IUP 5796-PCA DESCRIPTION/OPERATIONS
 The Data Communication Analyzer (DCANALYZER) program is designed to assist the user in evaluating design alternatives for IMS data base/data communications systems. It produces relative data on service times and throughput of transactions processed on iterative runs of DCANALYZER under varying design combinations. The user can analyze and compare this data to select the design best suited to his needs. This manual discusses the capabilities of DCANALYZER, defines the operating instructions, and lists error messages. In addition, it provides installation guidelines and sample problems. This manual is both a system description and operations reference document. Manual, 63 pages
 ////5796-PCA

SB20-1390

3270 SCREEN IMAGE PROCESSOR FOR IMS AND IMS/VS - IUP 5796-AFC DESCRIPTION/OPERATIONS
 The Screen Image Preprocessor is a productivity aid which simplifies the design and implementation of IMS/3270 applications. Each 3270 screen format added to an IMS system necessitates the preparation of many detailed control statements as input to the Message Format Language Utility. Using a single control statement and only one card image for each line to be represented on the screen, the Preprocessor generates the required IMS input statements. Each line of the screen image is coded exactly as it is to appear on the 3270 screen. Field control information (attribute bytes), position at the beginning of each field, must also be coded to specify the desired field types. The Preprocessor output includes a printed representation of the screen layout in addition to generated control statements which may be printed or passed to the Utility. Manual
 ////5796-AFC

GH20-1403

IBM SYSTEM/360 AND SYSTEM/370 ASP VERSION 3 ASYMMETRIC MULTIPROCESSING SYSTEM LOGIC MANUAL - PROGRAM NUMBER 360A-CX-15X
 The ASP System is a multiprocessing operating system that provides a compatible extension to the Operating System

(OS). Designed for the user with a large computer job-shop environment, ASP provides increased automation of the computing operation. The ASP system functions as a programmed operator of OS. It provides advanced scheduling facilities for optimizing total installation production. This manual describes the logic of ASP. It is designed for those who maintain and modify the ASP system.
Manual
360,370//36/OASP//

GH20-1514

FASTER TO CICS/VS MIGRATION TECHNIQUES GUIDE

This publication is designed to assist current users of FASTER in converting to CICS/OS/VS or CICS/DOS/VS with or without use of the FASTER Language Facility feature of CICS/VS. It provides information for programmers, analysts, and others seeking conversion programming assistance.
Manual, 44 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SB20-1456

DISPLAY MANAGEMENT SYSTEM II (DMS II) OS/VS OPERATIONS GUIDE
PROGRAM NUMBER 5734-XC4

The Display Management System II is a set of programs designed to simplify the implementation of online data processing systems. This manual is intended for operations personnel concerned with the operation of the program product. It contains sufficient information to allow the user to generate and incorporate the Display Management System II into a system for subsequent execution under control of the IBM Customer Information Control System. Information is included for system maintenance and terminal operation. Error messages are included.
Manual, 64 pages
////5734-XC4

SH20-1539

IMSMAP/VS - IUP 5796-PCY, DESCRIPTION/OPERATIONS

The Installed User Program IMSMAP/VS is a documentation aid which produces pictorial representations of data base structures. These maps, which are produced on a line printer graphically represent the many characteristics of an IMS/VS data base. In addition to producing maps, IMSMAP/VS can print a detailed report describing the characteristics of each data base description (DBD).

IMSMAP/VS is an extension of the currently available IUP, IMSMAP (5796-PBC). IMSMAP is a prerequisite for IMSMAP/VS. IMSMAP/VS provides both support for IMS/VS data bases and additional features not available in the original IMSMAP IUP.
Manual
////5796-PCY

SB20-1457

DISPLAY MANAGEMENT SYSTEM II (DMS II) OS/VS PROGRAM
REFERENCE MANUAL - PROGRAM NUMBER 5734-XC4

The Display Management System II is a set of programs designed to simplify the implementation of online data processing systems. The display management, file management, and message handling capabilities of DMS II make it possible to implement many new existing applications in an online environment with little or no user programming.

The manual is intended for system analysts and programmers responsible for installing and using the system. The purpose of the manual is to provide sufficient information to enable the user to understand the functions of the system, the programs constituting the system, and the effort required for successful installation.
Manual, 224 pages
////5734-XC4

SH20-1540

BTS/VS - IUP 5796-PCZ, DESCRIPTION/OPERATIONS

BTS/VS is a terminal simulator which allows IMS/VS application programs to be tested without the use of teleprocessing hardware or the IMS DC features. Extensive debugging facilities enable the BTS/VS user to test batch applications, as well as those intended to run in a teleprocessing environment. BTS/VS provides information about each transaction and message as it progresses through the IMS/VS system.

The BTS IUP (5796-PBD) is a prerequisite for the use of BTS/VS. The 3270 Formatting Feature, offered as a feature of BTS, extends 3270 simulation capability to both BTS and to BTS/VS.
Manual
////5796-PCZ

SB20-1460

APL SHARED VARIABLES (APLSV) USER'S GUIDE (PRPQ WE1191)
PROG. NO. 5799-AJF

This publication is intended for APLSV users and application programmers. It complements the description of APL given in the publication APL Language (GC26-3847), and describes the TSIO auxiliary processor, a program that gives the user at an APL terminal interactive control of OS/VS Data Management facilities through shared variables.

The programming RPQ described in this manual and all licensed materials available for it, are provided by IBM on a special quotation basis only, under the terms of the License Agreement for IBM Program Products. Your local IBM branch office can advise you regarding the special quotation and ordering procedures.
Manual, 42 pgs
////5799-AJF

SH20-1541

TEST IMS/VS UTILITIES - IUP 5796-PDA, DESCRIPTION/OPERATIONS

This publication describes the IMS/VS support product for the Test IMS Utilities. The prerequisite for the use of this product is the Test IMS Utilities (Program Number 5796-PBE) and the associated Program Description/Operations Manual (SB20-1307).

The Test IMS Utilities include programs to create a test data base, compare an old and a new version of the same data base, list one or more records from a data base, create an unloaded version of the data base, and create a restructures an integral part of the operation of the utilities is the segment description module, which contains a physical description of each field in every segment of a data base. This publication describes the operation and use of the utilities and generation, format, and use of the segment description module. In addition, installation guidelines are provided, including test cases for all the utilities. Appendices provide descriptions of the segment format facility, SDM block format, contents of TMS.SAMPLE, unloaded data base record formats, control card formats and system flow, and instructions for the installation and use of the IMS/VS support product.
Manual, 26 pages
////5796-PDA

SB20-1461

APL SHARED VARIABLES (APLSV) PROGRAMMING RPQ WE1191
OPERATIONS GUIDE - PROGRAM NUMBER 5799-AJF

This manual contains the information necessary to install, operate and maintain APLSV and TSIO. TSIO is an IBM supplied auxiliary processor which provides access to Operating System data sets from APLSV terminals. The use of TSIO is optional.

The programming RPQ described in this manual and all licensed materials available for it, are provided by IBM on a special quotation basis only, under the terms of the License Agreement for IBM Program Products. Your local IBM branch office can advise you regarding the special quotation and ordering procedures.
Manual, 198 pages
////5799-AJF

SB20-1550

VM/SGP - STATISTICS GENERATING PACKAGE - IUP 5796-PDD,
DESCRIPTION/OPERATIONS

VM/SGP, an Installed User Program is a Statistics Generating Package for VM/370. It is designed to further reduce the data collected by the VM/370 Measurement Facility and is intended to provide information for installation management, system programmers, and users. VM/SGP provides a variety of summarization techniques useful for reporting on many aspects of system load and utilization. It may also simply be used to format and print trace data and thereby facilitate the inspection and analysis of system bottlenecks and overloads.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual
////5796-PDD

GH20-1502

FASTER LANGUAGE FACILITY FOR THE CUSTOMER INFORMATION
CONTROL SYSTEM (CICS/VS) GENERAL INFORMATION MANUAL,
PROG. PROD. 5740-XX1 & 5746-XX3

The FASTER Language Facility is a feature of CICS/DOS/VS and CICS/OS/VS which makes it possible to run many FASTER Transaction Processing Descriptions (TPDs) under CICS/VS.

The feature consists of a set of language macros and processing routines designed as a conversion aid for users of the five FASTER systems. All language processing macros present in the FASTER programs are present in the FASTER Language Facility.

The FASTER Language Facility design utilizes CICS/VS facilities wherever possible (example: CICS/VS paging and terminal device independent routines), thus allowing the user to take advantage of CICS/VS functions.

This manual is intended for persons interest in a general description of the FASTER Language Facility and its capabilities.
Manual, 20 pages
////

SB20-1552

JOB CONTROL LANGUAGE EDITOR - IUP 5796-PDC,
DESCRIPTION/OPERATIONS

The Job Control Language Editor IUP brings to the user of OS/MFT/MVT/VS1/VS2 an easily used batch text editing capability for Job Control Language changes.

This manual describes the programs involved with instruction for their installation and use.
Manual, 24 pages
////5796-PDC

SH20-1558

DOS DBDUMP UTILITY PROGRAM FOR VANDL/I AND DL/I - PROG. NO. 5796-AFY DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program. Reductions in the amount of personnel time required to test applications can provide significant benefits to data processing installations.

The DBDUMP utility reduces test time requirements by providing the facility to examine, alter, and modify data base records and segments used in both testing and production.

Manual, 18 pages
 ////5796-AFY

SH20-1561

INTERACTIVE QUERY AND REPORT PROCESSOR (IQRP) - IUP 5796-PDG, TERMINAL USER GUIDE

Interactive Query and Report Processor (IQRP) is a terminal oriented inquiry system which allows the terminal user to extract meaningful information and reports from stored data sets.

The purpose of this manual is to assist the IQRP terminal user in using the system. Terminal operation procedures and the IQRP language are explained. A pocket reference card (GB21-9902) summarizes the IQRP user language.

Manual, 60 pages
 ////5796-PDG

SH20-1562

INTERACTIVE QUERY AND REPORT PROCESSOR (IQRP) BOOK I IUP 5796-PDG, DESCRIPTION/OPERATIONS AND SYSTEM ANALYST MANUAL

The purpose of this manual is to provide the systems analyst with a detailed guide, set of instructions and format for establishing an IQRP system within the installation, creating the necessary IQRP tables, adding a new data set and making changes to existing data sets. Prior to using this manual, the reader should be familiar with the General Information Manual (GB21-9903) and the Terminal Users Guide (SH20-1561).

Manual, 86 pages
 ////5796-PDG

SH20-1563

INTERACTIVE QUERY AND REPORT PROCESSOR (IQRP) BOOK II IUP 5796-PDG, OPERATIONS/INSTALLATION GUIDE

The purpose of this manual is to provide those responsible for the installation and operation of IQRP with the required information. This manual contains an IQRP overview, a description of all offline and online modules, sample JCL, and a complete list of error messages.

Manual, 166 pages
 ////5796-PDG

SH20-1564

3525 GENERAL PURPOSE UTILITIES - IUP 5796-AGE, DESCRIPTION/OPERATIONS

The 3525 General Purpose Utilities IUP takes advantage of the capabilities of the IBM 3525 card punch, which when equipped with special features, can read and/or print as well as punch 80-column cards in a single pass. The major functions include interpret, print any data on any card, ledger update, reproduce, gangpunch and resequence. Most industries may have applications which can utilize this IUP.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual
 ////5796-AGE

SH20-1567

AUDIT SOURCE CODE COMPARE - DOS - IUP 5796-PDF DESCRIPTION/OPERATIONS

Audit - Source Code Compare for S/370 DOS/VS is an IUP which analyzes the differences between two versions of a program's source code. The variations detected by this audit/control tool are highlighted on a message listing which, in turn, becomes a vehicle the user can use to verify that only authorized changes are made to an installation's sensitive programs. The Audit-Source Code Compare program has been used by the IBM Corporate Information Systems Department audit-control groups as a tool to assure that only authorized changes are made to the installation's programs. This program may be executed under any S/370 VSI or VS2 system. Minimum system configuration S/370 M135, 64K partition, card reader, printer and 3330.

This Availability Notice contains complete ordering information for the program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Manual
 ////5796-PDF

SH20-1568

AUDIT SOURCE CODE COMPARE OS/VS - IUP 5796-PDE, DESCRIPTION/OPERATIONS

Audit - Source Code Compare for S/370 OS/VS is an IUP which

analyzes the differences between two versions of a program's source code. The variations detected by this audit/control tool are highlighted on a message listing which, in turn, becomes a vehicle the user can use to verify that only authorized changes are made to an installation's sensitive programs. The Audit-Source Code Compare program has been used by the IBM Corporation Information Systems Department audit-control groups as a tool to assure that only authorized changes are made to the installation's programs. This program may be executed under any S/370 VSI or VS2 system. Minimum system configuration is a S/370 M135, 64K partition, card reader, printer and 3330.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual
 ////5796-PDE

SH20-1569

PULL SCREEN 3270 SUPPORT FOR PL/1 AND ASSEMBLER APPLICATION UNDER TSO, IUP 5796-AGH

No abstract available.
 Manual

////5796-AGH

SH20-1572

DISPLAY MANAGEMENT SYSTEM II DOS/VS (DMS II) OPERATIONS GUIDE, PROG. NO. 5736-XC4

This manual contains information to enable the user to generate and incorporate into his system the IBM Display Management System II for execution under control of IBM's Customer Information Control System (CICS) EGS/VS. Information is included for system maintenance and terminal operation. All offline and online messages are described. The intended audience is the programming and operations staff.

Manual, 103 pages
 ////5736-XC4

SH20-1573

DISPLAY MANAGEMENT SYSTEM II -- DOS/VS (DMS II) PROGRAM REFERENCE MANUAL, PROG. PROD. 5736-XC4

DMS II DOS/VS is a set of programs to simplify the implementation of online operations using the 3270 information Display System. Application specification is simplified by means of DMS II forms. Preprogrammed facilities are provided to perform paging and panel selection, file operations and message routing. This manual is intended primarily for panel designers and programmers setting up applications under DMS II. It contains a general description of DMS II functions and features, followed by reference material describing system use.

Manual, 258 pages
 ////5736-XC4

GH20-1574

DOS/VS REMOTE JOB ENTRY WORKSTATION PROGRAM (PROGRAMMING RPO WFO358) GENERAL INFORMATION MANUAL PRG. NO. 5799-WBX
 This publication, a general description of the DOS/VS Remote Job Entry Workstation Program, is intended primarily as an aid in evaluating the program and may also serve as a guide in planning the implementation of a DOS/VS workstation.

After listing the program's advantages, the manual presents an overview of the program, then discusses its structure and functions, the operation of the workstation, and finally the generation and installation of the program.

Manual, 26 pages
 ////5799-WBX

SH20-1589

DOS/VS REMOTE JOB ENTRY WORKSTATION PROGRAM - PROGRAMMING RPO WFO358 OPERATION & INSTALLATION GUIDE, PROG. NO. 5799-WBX

This publication describes the operation and installation of the DOS/VS Remote Job Entry Workstation Program. It is intended for use by the system programmer responsible for installing and maintaining the system and by the operator at the workstation computer.

The manual explains the use of commands to control processing and lists the messages produced by the program. It also defines the generation parameters and describes how to install and generate the program.

Manual, 96 pages
 ////5799-WBX

SH20-1590

DOS/VS REMOTE JOB ENTRY WORKSTATION PROGRAM (PROGRAMMING RPO WFO358) REFERENCE, LIC PROG 5799-WBX

This publication defines and describes the facilities provided by the DOS/VS Remote Job Entry Workstation Program and contains the information necessary to plan for utilization and installation. It is intended for use by the system programmer responsible for installing and maintaining the system. Additional information on the operation and use of the DOS/VS Remote Job Entry Workstation Program is directed to computer data center personnel responsible for operation planning.

The manual describes the program, explains the internal structure in terms of functions provided, and discusses the operating procedures. It also describes the device support, storage and programming system requirements, and performance

considerations.
Manual, 76 pages
/////5799-WRX

SH20-1592

DOS/VS REMOTE JOB ENTRY WORKSTATION PROGRAM, LOGIC, PROGRAMMING RPQ WF0358, PROG. NO. 5799-WHX
This publication describes the functions of the DOS/VS Remote Job Entry Workstation Program and its relationship to DOS/VS and to the operating system used at the central computer. It is intended primarily for use in maintaining the program.

The manual contains diagrams and supplementary text describing the functional organization of the program, and outlines the key functions of each program module. It also provides a directory to the program code, defines the format of control bytes, and contains information for diagnostic purposes.

Manual, 244 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SH20-1606

VM/370 SYSTEM FOR ONLINE TAPE AND DISK LIBRARIES - IUP 5796-AGN, DESCRIPTION/OPERATIONS

The VM/370 System for Tape and Disk Libraries is an IUP for the control of user tape and disk libraries. It works online under CMS with commands to control the assignment and accounting for user volumes. The system operator can add, delete, and modify a record associated with a particular mountable volume. It can make a large pool of tapes and disks accessible to a large number of time sharing users by providing the storage location and accounting information available online. The benefits are improved data security, quicker location of volumes, quicker response to mount commands, automatic bookkeeping and improved system control.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual
/////5796-AGN

SH20-1610

DOS TO OS CONVERSION SYSTEM - IUP 5796-AFZ DESCRIPTION/OPERATIONS

The DOS to OS Conversion System IUP automates the conversion process for JCL, COBOL, RPG, SORT and some utility programs. DOS JCL and DOS programs are displayed side by side with their OS equivalents. The OS equivalents are punched with JCL ready for compilation and cataloging for testing. COBOL D programs are processed by the Language Conversion Program to bring them to the ANS COBOL Level before conversion. COBOL programs with End of Page indicators are modified for handling of the carriage control tape. All CALL subroutines are identified for further resolution. DOS RPG FILENAMES are converted to OS RPG DDNAMES through the use of cards provided during the conversion process. All SORT Control Cards are handled automatically. A management report is provided as part of the process which shows the status of the conversion on a dynamic basis.

The Envirotech Corporation converted 1,200 routines to OS/VS from four geographically separated divisions while consolidating their operations at Salt Lake City, Utah. They did this with one system programmer and three part-time clerical personnel in six months through the use of the Conversion System. They estimate that two-thirds of all time and effort were saved over manual alternatives.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual
/////5796-AFZ

SH20-1618

PEOPLES GAS LIGHT AND COKE COMPANY SMF GRAPHICAL ANALYSIS IUP 5796-AFP, DESCRIPTION/OPERATIONS

This manual describes the function, capabilities and system requirements of the SMF Graphical Analysis Program. Its purpose is to provide sufficient information to enable the reader to determine the applicability and value of the program for his use.

Manual, 28 pages
/////5796-AFP

SH20-1619

VM/370 GRAPHIC MONITOR, IUP 5796-PDT, DESCRIPTION/OPERATION

The purpose of this manual is to provide the user with sufficient information to understand, install and successfully use the VM/370 Graphic Monitor program.

The VM/370 Graphic Monitor Installed User Program enables the privileged user of the VM/370 system to observe the operation of the VM/370 system and users logged into the system. It allows the user to observe the utilization of the CPU resource as it is being distributed, the rate each user connected to the VM/370 system is utilizing the system and rate of utilization of DASD and tape devices. This is accomplished via individual screen displays for system, user and device utilization, which are then written to each support graphic device available.

Manual, 42 pages, 11/75
/////5796-PDT

SH20-1623

DOS/VS 2560 SORT, IUP 5796-AGX DESCRIPTION/OPERATIONS

This manual describes the DOS/VS Card Merge-Sort-Program for the 2560. It includes the information required for installation and operation of the program. A sample is provided to demonstrate the use of the program.

Manual, 10 pages, 4/75
/////5796-AGX

SH20-1624

EXTENDED COBOL SORT - IUP 5796-AGZ, DESCRIPTION/OPERATIONS

Extended COBOL Sort is a routine which will provide the COBOL installation with increased work area sort capacity up to 16 times the normal capacity. It also provides automatic recovery when sort work spaces are exceeded; tape drives are allocated as needed. This operates with IEM ANS COBOL Version 4 (5734-CB2), COBOL/VS (5740-CB1), CE SORT/MERGE (5734-SM1) and SORT/MERGE/VS (5740-SM1)

Manual
/////5796-AGZ

SH20-1625

GENERAL PURPOSE TAPE AND DISK SCANS PHILLIPS VAN HANSEN DESCRIPTION/OPERATIONS, IUP 5796-AGY

This manual describes the function, implementation and operation of the two programs, General Purpose Tape and Disk Scans.

Manual, 30 pages, 3/75
/////5796-AGY

GH20-1626

DATA BASE DESIGN AID GENERAL INFORMATION MANUAL PROG PROD 5740-XY8, 5746-XXQ

This book, a general description of the Data Base Design Aid, is intended primarily to help evaluate the product and may also serve as a guide in planning the implementation of DBDA.

The benefits and features of the product are presented, followed by highlights of the data base design process, some problems and how DBDA can solve them, a description of the product, its environment, and related IBM productivity aids.

Manual
/////

GH20-1627

DATA BASE DESIGN AID DESIGNER'S GUIDE, PRG PRCD 5740-XY8, 5746-XXQ

This book, which contains a description of the functions and concepts of the Data Base Design Aid (DEDA), is intended primarily to give the data base designer guidelines for gathering and recording data requirements, and for using the features of DBDA in his design study.

The program is introduced, then the process of data base design is presented, followed by a definition of the concepts and terms of DBDA. Next, an analysis of DBDA phases is discussed, the use of DBDA results in constructing a physical model of the data base is presented, a description of the input and output is shown, the use of DEDA features is discussed, and finally a case study is included that illustrates many of the concepts and features previously discussed.

Manual
/////

GH20-1628

A GUIDE TO TESTING IN A COMPLEX SYSTEM ENVIRONMENT

This document describes the methods, techniques and programs necessary to test in a complex environment. It also gives a description of the various testing environments and of the testing methods to be used in each environment.

It is intended both as an introduction to testing for executives and managers, and as an in-depth treatise for those responsible for setting up and executing the tests.

Manual, 90 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SH20-1637

3330, 3333-M11 SUPPORT FOR DOS/VS, PRPQ EF4346 - PROG NC 5799-WHZ, SYSTEMS GUIDE

This manual describes how 3330 Model 1 support has been extended to support Model 11. System and operational considerations as well as installation and support procedures are discussed. This manual and the program directly constitute all the documentation for this support.

Manual, 50 pages, 11/74
/////5799-WHZ

GH20-1638

TSO - 3270 STRUCTURED PROGRAMMING FACILITY (SPF), GENERAL INFORMATION - PROGRAM NO. 5740-XT2

The Structured Programming Facility (SPF) is a programming development tool designed to increase productivity in the TSO environment. It supports any VS2-TSC user who has a 24-line IBM 3270 display terminal equipped with a full EBCDIC keyboard, including 1.2 program function keys. It increases programmer productivity through:

- o display presentations which prompt the user and simplify command/data entry
- o time-saving use of program function keys for commonly performed operations

- o features that facilitate structured programming in a TSO environment
 This manual provides an overview and functional description of SPF.
 Manual, 24 pages
 //5740-XT2
- GH20-1639
DB/DC DRIVER SYSTEM: GENERAL INFORMATION MANUAL, PROG. PRDD. 5740-XXA
 This manual is intended primarily to define the scope of applicability of the DB/DC Driver System for customer executives, system analysts, and programmers. It describes the facilities of the DB/DC Driver System and includes a general discussion of the DB/DC Driver System system configuration, terminal processing, system structure and control, and system support and maintenance facilities, as provided within the DB/DC Driver System Program Product.
 The DB/DC Driver System provides tools for testing and driving data base/data communications application programs. It is terminal oriented, thereby permitting the online development of test cases. A special language is provided to aid in the creation of test cases; a terminal command language is provided to permit modification of test cases as well as library management operations. In addition, offline utilities can be used to build the DB/DC Driver System, initialize it, and manipulate the driver system data base.
 Manual, 30 pages
 //5740-XXT
- SH20-1651
DATA BASE DESIGN AID REFERENCE/OPERATIONS GUIDE PROG. NO. 5740-XYB, 5746-XXQ
 This book, which describes the programs and operations of the Data Base Design Aid (DBDA), is intended primarily for the data base designer who will use it and for the system programmer who will install it.
 An overview of the system is presented followed by a description of the programs in DBDA. Next, the installation procedures and alternatives are discussed, and finally the use of DBDA is described.
 Manual
 //
- SH20-1658
S/370 MCGILL UNIVERSITY SYSTEM FOR INTERACTIVE COMPUTING IUP 5796-AAT, 5796-ABQ, 5796-AJC
 NO abstract available.
 Manual, 100 pages
 //5796-AAT, 5796-ABQ, 5796-AJC, 5796-ATL
- SH20-1662
AUTOMATED UNIT TEST, IUP 5796-PEC, DESCRIPTION/OPERATION
 The purpose of this manual is to provide the user with sufficient information to understand, install and successfully use the Automated Unit Test (AUT) productivity aid.
 AUT is a productivity aid which can be used to drive test cases through a unit of code for internal interface testing, monitor execution of the test cases, verify whether the test cases were successful, and provide diagnostic information about discrepancies. It also provides capability to simulate uncoded or uncompleted units of code or entire modules while driving the test cases, thus promoting top down design or development.
 Manual, 94 pages, 8/75
 //5796-PEB
- SH20-1669
VS/REPACK, IUP 5796-PDZ, DESCRIPTION/OPERATION
 VS/REPACK is a set of tools enabling the programmer to collect and display program storage activity data at varying levels of detail and to analyze this data in order to predict and improve program performance or to verify that a program is operating correctly. This manual presents detail regarding the installation and operation of the system and guidelines for interpreting the results.
 Manual, 160 pages, 3/76
 //5796-PDZ
- SH20-1670
WIDEBAND COMMUNICATION PROGRAM, IUP 5796-PDJ, DESCRIPTION/OPERATIONS
 The Wideband Communications Program is a complete system for the transmission of tapes or sequential data sets between any locations on a communications network under control of OS/VS and BTAM. The system provides facilities for spooling/despooling, data compaction and security, transmission, reception, checkpoint/restart and utilization statistics.
 This manual describes the functions of the Wideband programs. In addition, it describes the operating instructions, lists error messages, and provides installation guidelines and sample problems. This manual is both a system description and an installation and operations reference document.
 Manual, 102 pages, 7/75
 //5796-PDJ
- SH20-1671
ASSEMBLER B/CMS INTERFACE, IUP 5796-PEJ, DESCRIPTION/OPERATIONS
 This manual is designed to be used by Assembler-B/CMS Interface users in conjunction with existing Assembler B documentation. It describes the BASM command, and contains information on the features unique to Assembler-B/CMS Interface. The BASM command as described herein is used to invoke Assembler B under control of the conversational Monitor System (CMS), a component of IBM Virtual Machine Facility/370 (VM/370). The BASM command thus makes available, to the CMS user, the extensions to assembler language and improved assembly performance provided by assembler B relative to preceding CMS assemblers.
 This manual also contains the information needed by system support personnel to install and maintain the Assembler-B/CMS Interface program.
 Manual, 28 pages, 9/75
 //5796-PEJ
- SH20-1674
IBM CONVERSION AID FOR RCA/TDOS ASSEMBLER TO OS/VS ASSEMBLER, DESCRIPTION/OPERATIONS, IUP 5796-PEX
 This manual is both a systems description and an installation and operations reference document. In addition to a systems overview, it provides detailed installations and operation instructions. Both the systems programmer and the application programmer will find it contains the information necessary to use the aid.
 Manual, 20 pages, 9/75
 //5796-PEX
- GH20-1685
TELECOMMUNICATIONS ACCESS METHOD IMS/VS INTERFACE GENERAL INFORMATION MANUAL, PROG PRDD 5740-XXC
 The TCAM-IMS/VS Interface is provided as a bridge between TCAM and IMS/VS.
 This manual includes a general description of the program and discusses its facilities and supported machine configurations.
 Manual
 //5740-XXC
- SH20-1686
TELECOMMUNICATIONS ACCESS METHOD IMS/VS INTERFACE PROGRAM REFERENCE MANUAL, PROG PRDD 5740-XXC
 This publication contains detailed information necessary to install and use the TCAM-IMS/VS interface. Before using this manual, the reader should be familiar with telecommunications, IMS/VS, and TCAM.
 Manual
 //5740-XXC
- SH20-1696
DB/DC DRIVER SYSTEM REFERENCE MANUAL, PROG PRDD 5740-XXA
 This manual describes the facilities provided by the DB/DC Driver System to installation personnel who are responsible for the selection, evaluation, and implementation of the system. The intended audience includes system engineers, installation programmers, marketing representatives, and customer system personnel.
 The DB/DC Driver System simulates the activity of many terminals which process transactions to and from a DB/DC application program. These transactions appear to the system as real terminal transactions would appear.
 Manual, 236 pages plus 104 pages TRL, 7/76
 //5740-XXT
- SH20-1697
DB/DC DRIVER SYSTEM OPERATIONS GUIDE, PROG PRDD 5740-XXT
 This manual is intended for computer center personnel responsible for the day-to-day operation of the DB/DC Driver System. The procedures for starting the driver system, techniques required during system operation, and the procedures for shutting the system down are described. The operator command language used by the system operator is also included along with the messages and codes issued by the system on the system console.
 Manual, 144 pages plus 46 page TRL, 7/76
 //5740-XXT
- SH20-1698
DB/DC DRIVER SYSTEM TERMINAL USER'S MANUAL, PROG PRDD 5740-XXA
 This manual is intended primarily for the test supervisor and the driver terminal user. A functional overview of the terminal and logical driver command languages is followed by a detailed presentation of all the commands. Logical driver command console and terminal command messages are also included.
 Manual
 //5740-XXT
- SH20-1699
DB/DC DRIVER SYSTEM SCRIPT WRITER'S GUIDE, PROG 5740-XXT
 This manual is intended primarily for personnel responsible for writing the scripts to be used to test DB/DC application programs. The types of scripts are defined and the statements used in them are described in detail. Also included are script development aids and examples.

This manual also describes the Script Generation Utility. This utility operates scripts from telecommunication systems logs.
Manual, 108 pages plus 40 pages TNL, 7/76
/////5740-XXT

This manual supplies an overview of the programming and system considerations. No separate Systems Guide is provided. Installation instructions, error conditions, and optional keyboard information are included.
Manual, 8 pages, 11/75
/////5796-AHL

GH20-1702

EXTENDED TELECOMMUNICATIONS MODULES (EXTM) VERSION 2
FEATURE OF CICS/DOS/VS PROG. PROD. 5746-XXB, GENERAL
INFORMATION MANUAL

The Extended Telecommunications Modules (EXTM) Feature of CICS/DOS/VS provides linkage between CICS/DOS/VS 1.1.1 and a telecommunications network. It provides access to the IBM 3600 Finance Communication System and functions within the framework of Systems Network Architecture (SNA). Data flow for certain pre-SNA terminals is also provided.

The basic function of this program is to establish and support a data flow between a CICS/DOS/VS application and a corresponding user application in the IBM 3601 Finance Communication Controller.

This manual includes a general description of the facilities provided by the Extended Telecommunications Modules Feature of CICS/DOS/VS.

Manual
/////5746-XXB

SH20-1704

EXTENDED TELECOMMUNICATIONS MODULES (EXTM)
FEATURE OF CICS/DOS/VS VERSION 2
PROGRAM REFERENCE MANUAL - PROG PROD 5746-XXB

The Extended Telecommunications Modules (EXTM) Feature of CICS/VS provides linkage between CICS/DOS/VS 1.1.1 and a telecommunications network. It allows access to the IBM 3600 Finance Communication System and the IBM 3790 Communication System and functions within the framework of System Network Architecture (SNA). Data flow for certain pre-SNA terminals is also provided.

The basic function of this feature is to establish and maintain data flow between a CICS/VS application and a corresponding user application for the IBM Advanced Communication Subsystems.

This manual contains reference information necessary to install, maintain and operate the Extended Telecommunications Modules Feature.

Manual
/////5746-XXB

SH20-1707

IMS/VS LOGTAPE MANAGEMENT SYSTEM, IUP 5796-AHT
DESCRIPTION/OPERATION

This manual describes the IMS/VS Log Tape Management System (LMS), including installation and testing procedures.

A system overview explains the concept of the LMS system and how the four programs which make up the system are related. System considerations such as minimum configuration, limitations, and requirements are outlined. Program descriptions explain in more detail the purpose and function of each program.

Input/Output, Control Card formats, and examples are given in each of the program descriptions.

Manual, 40 pages, 10/75
/////5796-AHT

SH20-1708

TCAM/VIDEO 370 INTERFACE IUP 5796-AHR, DESCRIPTION/OPERATION

The TCAM/VIDEO-370 Interface is a TCAM application program which enables the user to have VIDEO-370 execute as an application using TCAM as the TP access method instead of BTAM.

Manual, 10 pages, 10/75
/////5796-AHR

SH20-1716

COBOL MAINTENANCE AND DOCUMENTATION AID, IUP 5796-ABY,
5796-ABZ, DESCRIPTION/OPERATIONS

The COBOL Maintenance and Documentation Aid is an adjunct to structured programming in that it provides a product of the programming process a detailed map of the architecture of a COBOL program. This publication describes the functions, inputs/outputs, and installation procedures for the COBOL Maintenance and Documentation Aid.

Manual, 22 pages, 10/75
/////5796-ABY, 5796-ABZ

SH20-1720

SVS/MVS SYSTEM AND JOB IMPACT ANALYSIS, IUP 5798-AJF,
DESCRIPTION/OPERATION

This describes the SVS/MVS System Impact Analysis programs. Installation and operation instruction and sample reports are included.

Manual, 36 pages, 6/76
/////5796-AJF

SH20-1721

IMS 3270 LOCAL COPY IUP 5796-AHL, DESCRIPTION/OPERATIONS

The IMS 3270 Local Copy program provides a hardcopy facility for printing 3270 displays on locally attached components of the IBM 3270 Information Display System. It provides a function similar to that currently available for remote IBM 3270 terminals.

SH20-1726

DOS/VS GENERALIZED FILE MAINTENANCE SYSTEM, IUP 5796-AJJ
DESCRIPTION/OPERATIONS

No abstract available.
Manual, 84 pages
/////5796-AJJ

SH20-1727

FORTRAN CONVERSION AID, IUP 5796-PFG, DESCRIPTION/OPERATION

The FORTRAN Conversion Aid IUP assists in converting programs written in certain non-System/370 FORTRAN dialects to System/370 executable code. Conversion is accomplished through translation, hand modification, compilation, and object-time library simulation.

This manual gives a general overview of the FORTRAN Conversion Aid and its capabilities with a detailed semantic and syntactical translation description. It describes the components of the IUP and contains instructions for using it. This manual is also an installation and operations reference document.

Manual, 178 pages, 6/76
/////5796-PFG

SH20-1730

TSO-3270 STRUCTURED PROGRAMMING FACILITY (SPF)
PROGRAM REFERENCE MANUAL - PROG PROD 5740-XTZ

The Structured Programming Facility (SPF) is a programming aid that operates in the Time Sharing Option (TSO) environment and is designed to increase productivity in developing and modifying programs. SPF supports any VS2-TSO user who has a 24-line IBM 3270 display terminal equipped with a full keyboard, including 12 program function keys. SPF increases programmer productivity through:

- o display presentations which prompt the user and simplify command/data entry.
- o time-saving use of program function keys for commonly performed operations
- o features which facilitate structured programming in a TSO environment

This manual provides detailed information on how to use and install SPF.

Manual
/////5740-XTZ

SH20-1733

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED FUNCTION
(TCS-AF) OPERATIONS GUIDE - PROG PROD 5740-XXD

The manual provides the user of TCS-AF with information necessary for the operation of the TCS-AF product. Among the subjects covered in the discussion of day-to-day operations are the execution of the TCS-AF message control program, restart capabilities, and operator control commands and command responses. In addition, there is a section describing main storage requirements.

The level of TCS-AF described in this manual functions with TCAM level 5F.

Manual
/////5740-XXD

SH20-1734

TELECOMMUNICATIONS CONTROL SYSTEM-ADVANCED FUNCTION
(TCS-AF) PROGRAMMER'S GUIDE AND REFERENCE MANUAL, PROG
PROD 5740-XXD

This publication explains, in detail, the range of teleprocessing functions provided by TCS-AF, and how to invoke these functions. It tells the user how to write a TCS-AF/TCAM message control program in a single or a multiple computer network environment, and also how to write TCS-AF compatible application programs. It is imperative that the reader use this manual in conjunction with the appropriate edition of the TCAM Programmer's Guide.

This manual describes the level of TCS-AF code that functions with TCAM Level 5F.

Manual
/////5740-XXD

GH20-1735

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED FUNCTION
(TCS-AF) CONCEPTS AND FACILITIES, PROG PROD 5740-XXD

The IBM telecommunications Control System - Advanced Function (TCS-AF) program product provides control for network systems incorporating one or more CPU's, each with terminals and/or application programs. Based on and enhancing IBM's Telecommunications Access Method (TCAM), TCS-AF controls traffic between terminals and application programs, message switching between terminals, and message transfer between applications. Lines and terminals may be shared among applications on the same CPU, or different CPU's connected by communications lines. Both user application programs and complex subsystem environments such as IMS/VS and CICS/VS may be supported. Queuing and priority facilities for handling fixed message types may optimize line and speed delivery of inquiry/response messages.

A TCS-AF message control program (MCP), customized by the user with TCS-AF and TCAM macro instructions and assembler language, operates in each network computer, usually in a different storage-protected region or partition from application programs. Support facilities include:

- o operator control for complex networks
- o online statistics gathering and security/ authorization capabilities.
- o load-balancing over multiple intercomputer links
- o alternate path and indirect routing capabilities
- o message integrity safeguards
- o start/stop, binary synchronous communications, and (via VTAM) SNA synchronous data link control device support equivalent to TCAM's
- o aids for minimizing application program device-characteristic dependencies, including extended support for the IBM 3270 Information Display System
- o capabilities for interfacing to non TCS-AF systems in multicomputer networks

Manual
 /////5740-XXD

SB20-1745

SYSTEM/370 DISPLAY MANAGEMENT SYSTEM PROGRAMMING RPQ 206076
DESCRIPTION/OPERATIONS, PROG 5799-AFD

The Display Management System supervises display-oriented functions required to provide the OS/VS1 user a viable man/machine interface in a realtime environment. It is designed to meet the needs of electric utility energy management systems and oil refinery applications, but is not restricted to these applications. Display Management System provides support for the IBM 3270, and IBM 5985 Display products with their associated CRT displays, manual input capabilities, and output printers.

The Display Management System Programming RPQ requires the Special Read Time Operating System Programming RPQ (5799-ABE) to have been installed in an OS/VS1 system.
 Manual
 /////5799-AFD

SB20-1748

TSO/MSS ARCHIVER, IUP 5796-AJK, DESCRIPTION/OPERATIONS

This manual describes the capabilities of the system and the programs. Primary processing procedures are specified. This manual is both a system description and an installation and operations reference document.

Manual, 8 1/2 x 11 inches, 56 pgs, 12/76
 /////5796-AJK

SB20-1749

DOS/VS SYSTEM DIRECTORY LIST OPTIMIZER, IUP 5796-PFH
DESCRIPTION/OPERATIONS

No abstract available.

Manual, 16 pages
 /////5796-PFH

SB20-1754

DOS/VS DBDUMP UTILITY PROGRAM FOR VANDL/1-DL/I DL/I ENTRY
IUP 5796-AJE DESCRIPTION/OPERATIONS

No abstract available.

Manual, 24 pages
 /////5796-AJE

SB20-1756

IMS/VS HDAM ALGORITHM ANALYZER PROGRAMS, IUP 5796-AJL
DESCRIPTION/OPERATIONS

No abstract available.

Manual, 24 pages
 /////5796-AJL

SB20-1761

COBOL PROGRAM TRANSLATOR FOR DOS AND DOS/VS IUP 5796-PFB,
DESCRIPTION/OPERATIONS

This manual describes the capabilities of the program, record and file layouts, and processing procedures. This manual is both a program description and an installation and operations reference document.

Manual, 136 pages, 1/76
 /////5796-PFB

SB20-1762

COBOL PROGRAM TRANSLATOR FOR OS, OS/VS AND VM/370, IUP
5796-PFC, DESCRIPTION/OPERATIONS

This manual describes the capabilities of the program, record and file layouts, and processing procedures. This manual is both a program description and an installation and operations reference document.

Manual, 144 pages, 1/76
 /////5796-PFC

SB20-1769

DOS MAP DL/I, IUP 5796-PCW, DESCRIPTION/OPERATIONS

The DOSMAP-DL/I data base mapping programs are DBMAP and PSBMAP. DBMAP builds and prints maps of DL/I data bases and descriptive reports of each data base. PSBMAP builds and prints maps of DL/I data bases associated with program specification blocks. This manual describes the programs, their installation into the user's system, required JCL, map formats, and includes examples of each program and the error

messages.
 Manual, 14 pages, 12/75
 /////5796-PCW

SB20-1773

IBM SYSTEM/370 SPECIAL REAL TIME OPERATING SYSTEM
PROGRAMMING RPQ 206751 DESCRIPTION AND OPERATION MANUAL -
PROG 5799-AHE

The Special Real Time Operating System Programming RPQ is a system which augments the services provided by OS/VS1 to support realtime computer operations. The Special Real Time Operating System is designed to meet the needs of Electric Utility Energy Management Systems and oil refinery applications, but is not restricted to these applications. The Special Real Time Operating System runs as an OS/VS1 job step and performs services which support independent task management, time management, and data base management. The installation of the Special Real Time Operating System on an OS/VS1 system requires no modifications to the OS/VS1 System.

This manual contains all the information necessary to understand, install, use, and operate the Special Real Time Operating System PRPQ.

This Programming RPQ is available on a special quotation only.

Manual
 /////5799-AHE

SB20-1775

DISK VOLUME MAP, IUP 5796-PFL, DESCRIPTION/OPERATIONS

No abstract available.

Manual
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SB20-1780

VSAM ACCESS SUBROUTINES IUP 5796-AJW, DESCRIPTION/OPERATIONS
VSAM Access Subroutines provide a common interface to VSAM
data sets for users of Assembler, COBOL, FORTRAN, and PL/I.

This manual describes the capabilities of the system, installation procedures and instructions for application and system programmers. It is both an installation and operations reference manual.

50 pages, 1/76
 /////5796-AJW

SB20-1781

CENTRAL HUDSON GAS & ELECTRIC VSAM ACCESS SUBROUTINES
DESCRIPTION/OPERATIONS, IUP 5796-AJX

VSAM Access Subroutines provide a common interface to enhanced VSAM data sets for users of Assembler, COBOL, and FORTRAN languages in the CCS/VS environment.

This manual describes the capabilities of the system, installation procedures and instructions for application and system programmers. It is both an installation and operations reference manual.

Manual, 50 pages, 4/76
 /////5796-AJX

SB20-1782

DOS/VS PRE-SORT PROCESSOR, IUP 5796-AJI,
DESCRIPTION/OPERATIONS

This manual describes the capabilities of the system and programs. Discussion of the design and potential modification areas are included. This manual is both a system description and an installation and operations reference document.

Manual, 18 pages, 12/75
 /////5796-AJI

SB20-1787

OS/DOS CICS/VS COBOL CALL INTERFACE, IUP 5796-ABK,
DESCRIPTION/OPERATIONS

CICS/VS CCECL CALL Interface was developed as an alternate linkage between the ANS CCECL program and the Customer Information Control System (CICS/VS). Use of this interface eliminates the use of the CICS/VS Preprocessor and assembly steps. It also provides the ANS COBOL programmer with a set of "easy-to-use" ANS COBOL CALL statements for communication with CICS/VS.

This manual describes the capabilities of the CICS/VS COBOL CALL Interface and the specifications of its program modules. Each ANS COBOL CALL format is fully described with examples of its use. Installation procedures for both the DOS/VS and OS/VS user are included.

IUP 5796-ABG CICS/COBOL Call Interface is a prerequisite. It must be installed first to obtain the source code which is updated by this IUP. The availability notice for IUP 5796-ABG is G320-8089. Its PDOM is SB20-1359. This PDOM addresses both IUPS and can be used solely once the IUPS are installed.

Manual, 216 pages, 11/75
 /////5796-ABK

SB20-1800

VS BASIC INTERACTIVE SYSTEM IUP 5796-PPI,
DESCRIPTION/OPERATIONS

The VS BASIC Interactive Data System provides facilities to permit an individual to create and maintain his own data files, through the use of the collection of programs that make up the system. Each of the several programs are

described in detail, showing the function of the program and providing detail about the use of the program and its capabilities.

This manual describes the various programs which comprise the VS BASIC Interactive Data System, showing the various functions which can be used and which individual programs provide each of the functions. It provides the user with the knowledge of what he can accomplish with each of the programs and with the total set of programs.

The manual is organized so that each of the programs is described in general terms, to provide the user with a knowledge of the functions provided. Following the general descriptive section is an operations section, where information is presented which describes how to use the programs in each of many environments.

Since the VS BASIC Interactive Data System operates in a wide variety of environments, each section of the manual is subsetting to show the functional and operational characteristics in the specific environments possible. For example, the operation of the system in a batch environment under DOS/VS is different from the operation of the system in an interactive environment under TSO.
Manual, 78 pages, 12/75
/////5796-PFT

SH20-1802

DL/I HDAM DATA BASE TRAINING AID, IUP 5796-AKF, DESCRIPTION/OPERATIONS

The HDAM Reorganization Utility is designed to provide more effective use of DL/I DOS/VS HDAM. Its purpose is to predict and tune HDAM data base performance during system design, and to maintain that performance with an optimum reorganization procedure after implementation.

This manual describes the capabilities of the system and the programs. It contains a discussion of design assumptions and system limitations. This manual is both a system description and an installation and operations reference document.
Manual, 30 pages, 1/76
/////5796-AKF

SH20-1803

3740 DATA ENTRY MANAGEMENT AND AUDIT SYSTEM FOR DOS POWER/VS, DESCRIPTION/OPERATION, IUP: 5796-AKC
The Data Entry Management and Audit System facilitates transition to and operation of diskette data entry media. It provides an input control system for multiple remote input locations. It includes auditing and recovery facilities and can be used as an archival system for economical storage of historical data.

This manual contains all that is necessary to install and operate the system. It includes sample output which shows how the audit trail is maintained.
Manual, 42 pages, 3/76
/////5796-AKC

SH20-1804

IMS SPACE MANAGEMENT UTILITIES, IUP 5796-PFW, DESCRIPTION/OPERATIONS

The IMS Space Management Utilities can improve system performance and programmer productivity. They are designed to assist in managing OS, OS/VS, IMS/360 and IMS/VS data space, to detect and report IMS H.D. pointer discrepancies and to assist with segment restructuring during data base reorganization. This manual describes the function of the three IMS Space Management Utilities, how to specify input to them, and how to interpret the utility output. In addition, it describes the operating instructions, lists error messages, and provides installation guidelines. This manual is both a system description and an installation and operations reference document.
Manual, 56 pages, 1/76
/////5796-PFW

SH20-1805

TSO CODES UPDATE SYSTEM IUP 5796-PFR, DESCRIPTION/OPERATIONS
The purpose of this manual is to provide the user with sufficient information to successfully install and use the TSO/CODES UPDATE SYSTEM.

The TSO/CODES UPDATE SYSTEM is a fully-automated TSO password generator and auditing system. It can increase the level of security for a TSO system and at the same time reduce the costs of maintaining system security.
Manual, 34 pages, 1/76
/////5796-PFR

SH20-1809

PL/I F TO PL/I OPTIMIZER CONVERSION AID F CONVERT, IUP 5796-ARG, DESCRIPTION/OPERATIONS

No abstract available.
Manual, 16 pages
/////5796-ARG

SH20-1810

IMS TRANSACTION PROFILES IUP 5796-PGG, DESCRIPTION/OPERATION
This Installed User Program consists of two serially executed routines named DCPROF and TXPROF. DCPROF generates multi-faceted profiles of IMS Data Communications transaction activity on a chronological basis from log records routinely written by IMS during on-line activity. TXPROF produces a similar profile for each transaction code

from log records extracted by DCPROF and sorted into sequence on PSB name and transaction code.

This manual describes the programs, procedures for installing the programs on the user's system, input parameters, output formats, examples of each report, and error messages.
Manual, 8 1/2 x 11 inches, 56 pgs 12/76
/////5796-PGG

SH20-1811

WASHINGTON MANUFACTURING VIDEO SUPPORT AIDS, IUP 5796-AKK, DESCRIPTION/OPERATIONS

This manual describes the capabilities of the system and the programs. Discussion of design assumptions and potential modifications areas are included. Record and file layouts are described and primary processing procedures specified. This manual is both a system description and an installation and operations reference document.
Manual, 52 pages, 3/76
/////5796-AKK

SH20-1813

MVS SYSTEM INFORMATION ROUTINES, IUP 5796-PGB, DESCRIPTION/OPERATIONS

This manual describes the function, installation, procedures, operational procedures, and output report formats for the MVS System Information Routines (SIR). SIR consists of two programs which display information about internal MVS system operation. One of the programs displays the information on a TSO 3270 display terminal.

The other provides batch type output reports based on periodic sampling.
Manual, 44 pages, 3/76
/////5796-PGB

SH20-1814

MVS SEEK ANALYSIS PROGRAM, IUP 5796-PJC DESCRIPTION/OPERATIONS

The MVS SEEK Analysis Program processes MVS GTF trace data to produce seek histograms as well as four other reports. This manual will serve as a user's guide to the program. Topics covered will include the following: a general description of the program; program and GTF trace execution procedures; installation procedures; report descriptions; and program logic.
Manual, 34 pages, 3/76
/////5796-PJC

SH20-1815

GTF I/O CURRENCY REPORT, IUP 5796-PGD, DESCRIPTION/OPERATIONS

No abstract available.
Manual, 48 pages
/////5796-PGD

SH20-1816

GTF SUPERVISOR SERVICES ANALYZER, IUP 5796-PGE, DESCRIPTION/OPERATIONS

This manual contains sections describing the Hardware and programming system necessary to use the program. Installation and operating instructions are included along with output report descriptions.
Manual, 56 pages, 3/76
/////5796-PGE

SH20-1817

GTF VTAM BUFFER ANALYSIS PROGRAM, IUP 5796-PGF DESCRIPTION/OPERATIONS

The GTF VTAM Buffer Analysis program will aid the systems programmer in determining an optimum buffer pool specification for his VTAM installation. This manual describes the capabilities, installation and operational procedures for this program.
Manual, 50 pages, 2/76
/////5796-PGF

SH20-1818

CICS/VS MESSAGE SWITCHING SYSTEM: AMERICAN BOECHST, DESCRIPTION/OPERATIONS, IUPS 5796-AKP, -AKN

This manual describes the capabilities of the system and the programs. This manual is both a system description and an installation and operation reference document.
Manual, 56 pages, 6/76
/////5796-AKP, 5796-AKN

SH20-1836

DOS/VS PERFORMANCE TOOL, IUP 5796-PGK DESCRIPTION/OPERATIONS
DOS/VSPT is a software tool that monitors the performance of an existing IEM System/370 running DOS/VS. It uses both dynamic event tracing and periodic statistical sampling to record system status on an output tape or DASD data set. Subsequently, a series of reports can be produced to evaluate hardware performance during either the entire monitoring period or any portion thereof.

This manual describes the capabilities of DOS/VSPT and provides the information necessary to install and use the programs.
Manual, 140 pages, 9/76
/////5796-PGK

SB20-1837

VS1 PERFORMANCE TOOL (VS1PT), IUP 5796-PGL,
DESCRIPTION/OPERATIONS

VS1PT is a software monitor that measures the performance of an existing IBM System/370 running OS/VS1. It uses statistical sampling, event counting and event tracing to record selected system status information. At requested intervals, the accumulated information is placed on an output data set. Subsequently, reports can be generated to evaluate overall performance during the entire monitoring period or to analyze in detail any specific areas of concern.

This manual describes the capabilities of VS1PT and provides the information required to install and effectively use the programs.

Manual, 8 1/2 x 11 inches, 88 pgs 12/76
/////5796-PGL

SB20-1838

SVS PERFORMANCE TOOL (SVSPT), IUP 5796-PGN,
DESCRIPTION/OPERATIONS

SVSPT is a software monitor that measures the performance of an existing IBM System/370 running OS/VS2. It uses both statistical sampling and event counting to record selected system status information. At requested intervals, hardware and software performance reports are generated and placed on an output data set. Subsequently, reports can be selected to evaluate overall performance during the entire monitoring period or to analyze in detail any specific areas of concern.

This manual describes the capabilities of SVSPT and provides the information required to install and effectively use the programs.

Manual, 8 1/2 x 11 inches, 124 pgs, 6/77
/////5796-PGN

SB20-1842

DISKETTE SORT PROGRAM, IUP 5796-PGJ, DESCRIPTION/OPERATIONS

The diskette sort program enables users of the IBM DOS/VS Sort/Merge program, 5746-SM1, to sort diskette files, without first having to copy the file onto tape or disk. The program is distributed as source macros which assemble into a generalized E15 routine that has the capability of reading one diskette file and passing the records to the sort.

This manual describes the programming system and configuration requirements, the program, and the necessary procedures for installation and execution.

Manual, 12 pages, 5/76
/////5796-PGJ

SB20-1844

BATCH TERMINAL SIMULATOR II, IUP 5796-PGT,
DESCRIPTION/OPERATIONS

The Batch Terminal Simulator II allows IMS/VS batch and online application programs to be tested in an IMS/VS batch environment without the use of teleprocessing hardware. BTS II provides information about each transaction and message as it progresses through the IMS/VS system. The facilities inherent in the BTS II design philosophy provide the user with a comprehensive means of checking and debugging:

- o Application program logic
- o Interfaces between application programs and IMS/VS
- o Data base activities
- o Teleprocessing activity
- o 3270 format control blocks

In addition, BTS II provides a number of debugging aids and application program performance statistics.

This publication provides a general description of BTS II and describes in detail the programs' functional capabilities and how to use them. The publication also includes explanations of BTS II messages and codes.

Manual
/////5796-PGT

SB20-1846

APL FUNCTION EDITOR FOR APLSV (IUP 5796-PGX), APL FUNCTION
EDITOR FOR VSAPL (IUP 5796-PGY), DESCRIPTION/OPERATION

The purpose of this manual is to provide the user with sufficient information to install and successfully use the APL Function Editor Installed User Programs.

The APL Editor Installed User Programs are comprehensive packages for the development and modification of APL functions. They bring to the APL user a powerful interactive tool which can be used to edit in context, search, copy or list any function in his workspace. The resulting ease of modification provides greater productivity through the automation of time-consuming activities like variable name changing and searching through functions for particular character strings.

The Editor has been patterned after the CMS Editor of VM/370. Those functions of the CMS Editor which appeared useful for the editing of APL functions were implemented. Several more, uniquely useful in an APL environment, were added to give the Editor more function.

This program requires the installation of APL Shared Variables Release 2.1, Program Number 5799-AJP PRPQ WE1191, or APL Shared Variables Release 3, Program Number 5799-AQC PRPQ MG6282.
PDOM, 8 1/2 x 11 inches, 64 pages, 3/77
/////5796-PGX, 5796-PGY

SB20-1851

BATCH MONITOR FOR VM/370 CMS, IUP 5796-PGZ,
DESCRIPTION/OPERATIONS

The purpose of this manual is to provide the user with sufficient information to understand, install, and maintain the Batch Monitor IUP. The Batch Monitor IUP is an IBM internally developed programming subsystem which creates and controls, according to demand, CMS Batch machines.
Manual, 8 1/2 x 11 inches, 48 pgs 11/76
/////5796-PGZ

SB20-1852

BATCH MONITOR FOR VM/370 CMS, IUP 5796-PGZ,
TERMINAL USER'S GUIDE

This manual describes the functional capabilities, and use of the Batch Monitor IUP, and is intended to instruct the CMS Terminal User in the operational characteristics of the Batch Monitor System. Included are descriptions of the system commands and control statements.

Manual, 8 1/2 x 11 inches, 48 pgs, 11/76
/////5796-PGZ

SB20-1858

DL/I BATCH MONITOR FOR DOS/VS, IUP 5796-ARY,
DESCRIPTION/OPERATIONS

The DL/I Batch Monitor for DOS/VS is a productivity aid which provides a monitoring function for DL/I application programs. The data collected and generated by the monitor will facilitate testing and debugging of DL/I application programs, as well as aid in performance evaluation and tuning the DOS/VS DL/I Batch system.

This publication contains a general description of the DL/I Batch Monitor, detailed information about its functions and instructions on how to use them. Also included are installation instructions and a user's guide.

Manual, 8 1/2 x 11 inches, 116 pgs, 1/77
/////5796-ARY

SB20-1863

DISPLAY MANAGEMENT SYSTEM/VS VERSION 1 (DMS/VS) GENERAL
INFORMATION: LIC PRG 5740-XC2 (OS/VS), 5746-XC2 (DOS/VS)

The Display Management System/VS version 1 (DMS/VS) is a set of programs designed to simplify the implementation of online data processing operations using the 3270 Information Display System. The display management, file management, and message handling capabilities offered by DMS/VS make it possible to implement many new or existing applications in an online environment with little or no user programming. Preprogrammed facilities are provided to perform display operations such as paging and panel selection; data base and file operations such as data entry, inquiry, record update, and search; and message routing between display stations. Application specification is simplified through the use of DMS/VS forms on which the user describes data files, designs 3275 or 3277 Display Station images (panels), and describes the utility operations required by the application.

The DMS/VS operates under control of the IBM Customer Information and Control System/VS (CICS/VS).

This manual provides an overview of the DMS/VS functions. Statements of customer responsibilities, programming system requirements, and system configuration are included.

Manual, 76 pages, 11/76
/////5740-XC2, 5746-XC2

SB20-1864

DMS/VS VERSION 1, OPERATIONS GUIDE, LIC PRG 5740-XC2
(OS/VS), 5746-XC2 (DOS/VS)

This manual contains information to enable the user to generate and incorporate the Display Management System/Virtual Storage (DMS/VS) into a system for subsequent execution under control of the IBM Customer Information Control System (CICS). Information is included for system maintenance and terminal operation. All offline and online messages are described. The intended audience is the programming and operations staff.

Manual, 120 pgs, 11/76
/////5740-XC2, 5746-XC2

SB20-1865

DMS/VS VERSION 1, LIC PRG 5740-XC2 (OS/VS), 5746-XC2
(DOS/VS), PROGRAM REFERENCE

Display Management System/Virtual Storage (DMS/VS) is an application management offering which simplifies implementing online information systems using the 3270 Information Display System. The DMS/VS DL/I data base and file management, display management, and message handling capabilities make it possible to implement many new or existing applications in the online environment with reduced programming. Preprogrammed facilities are provided to perform display operations such as paging and panel selection, data base and file operations (data entry, inquiry, record update, and search), and message routing between display stations. Application specification is simplified through the use of DMS/VS forms on which the user describes data files, 3275 or 3277 Display Station images (panels), and the batch utility operations required by the application. The Customer Information Control System version 1.2 (CICS/VS) is a prerequisite to DMS/VS. Application security through use of CICS/VS and DMS/VS sign-on procedures can be used to control operator access to

predetermined applications.

The purpose of this manual is to provide sufficient information to enable the user to understand the functions of the system, the programs constituting the system, and the effort required for successful installation. The manual contains a system-oriented description of DMS/VS, provides guidance in installing the system, and describes the input and results.

Statements of customer responsibilities, programming system requirements, and system configuration are included. Manual, 328 pgs, 11/76
 ////5740-XC2,5746-XC2

SH20-1872

VS APL FOR TSO, IUP 5796-ALB, TERMINAL USER'S GUIDE
 This manual describes the use of VS APL when it is under control of TSO using Installed User Program 5796-ALB (VS APL for TSO). It contains detailed information on the terminals that can be used and the procedures that must be followed in using VS APL under TSO. This book also describes the commands presented by TSO and VS APL relevant to the needs of the VS APL user, and the auxiliary processors and workspaces distributed with the product. It is assumed that the user is familiar with the APL language, but has limited experience with TSO.

This manual is based upon the "VS APL for CMS: Terminal User's Guide" and has been modified to include instructions for executing VS APL in the TSO environment.

The information contained in this manual is essential to the proper execution of VS APL in the TSO environment. Manual, 168 pages, 8/76
 ////5796-ALB

SH20-1873

VS APL FOR TSO, IUP 5796-ALB, DESCRIPTION/OPERATIONS
 This manual presents the installation instructions for this IUP. It is assumed that the installation has the VS APL Program Product and that TSO is installed. Manual, 8 1/2 x 11 inches, 28 pages, 9/76
 ////5796-ALB

SH20-1877

CICS/VS ONLINE TEST/DEBUG II, IUP 5796-AHJ, DESCRIPTION/OPERATIONS
 CICS/VS Online Test/Debug II is a facility designed to allow a programmer using a 3270 Information Display System to test and debug application programs or modules online while CICS/VS is operating in a test or production mode. This means that the programmer can step through programs displaying registers and data, set up data conditions on disk and make program changes without reassembling or relink-editing.

This publication provides a general description of CICS/VS Online Test/Debug II and describes in detail the program's functional abilities and how to use them. The publication also includes appropriate installation and modification information. Manual, 8 1/2 x 11 inches, 156 pages, 10/76
 ////5796-AHJ

SH20-1881

JES3 MONITORING FACILITY (JMF), IUP 5796-PBR, DESCRIPTION/OPERATIONS
 JES3 Monitoring Facility (JMF) is a software monitor that provides the ability to measure and evaluate the performance of an existing IBM system operating under JES3.

This manual provides all the material necessary to install and operate the JMF Installed User Program (IUP). It is intended for the systems programmer(s) responsible for maintaining and tuning the JES3/MVS operating system.

As in-depth knowledge of JES3 internals is required for proper and effective use of this program. This document does not provide that knowledge. Manual, 8 1/2 x 11 inches, 100 pages, 1/77
 ////5796-PBR

SH20-1882

SMF JOB DATA COMPRESSION AID (JDCA) - IUP 5796-PHN, DESCRIPTION/OPERATION
 This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

The Job Data Compression Aid (JDCA) is an IBM program that analyzes data recorded by OS/VS system management facilities (SMF). It is designed to edit and arrange SMF data for the convenient production of application programs and reports which deal with SMF-based data set and job information. SMF records relevant to this information area are aggregated at the job level; data fields are checked for validity and edited; values for data not directly provided by SMF are calculated; and a Base File is generated in time sequence.

To assist detailed report analysis, an interpreter is provided at the lowest level available in the data: the Base File record. Each release or update of the programs in JDCA has a unique version description. For example, a program such as JDCA10 will be released as JDCA10A and subsequent versions as JDCA10B, JDCA10C, and so on.

The program is a prerequisite for using IBM's Installed User Program 5796-PBP, the Storage Device Migration Aid (SDMA), to which the Base file generated by JDCA serves as

input. SDMA produces a variety of detail and summary reports at the data set and job levels which are designed to assist the personnel of a data-processing installation operating under OS/VS in planning, implementing, and tracking the migration of data sets to new I/O devices. Manual, 8 1/2 x 11 inches, 116 pgs, 3/77
 ////5796-PBN

SH20-1883

STORAGE DEVICE MIGRATION AID (SDMA) - IUP 5796-PBP, DESCRIPTION/OPERATION

This publication is a guide for installing and using the Storage Device Migration Aid (SDMA) program. SDMA contains a set of procedures that process and analyze system management facilities (SMF) data collected during the operation of IBM OS or VS systems. SDMA is intended for the installation management and for those system programmers who plan, implement, and track a data migration to a new storage device or storage subsystem. The SMF Job Data Compression Aid (JDCA), IBM Installed User Program 5796-PHN, is a prerequisite to running SDMA; the Base file generated by JDCA serves as input to the SDMA procedures. Manual, 8 1/2 x 11 inches, 240 pgs, 4/77
 ////5796-PBP

SH20-1889

DOS/VS SYSTEM PROGRAMMING AID, IUP 5796-ALX, DESCRIPTION/OPERATION

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

The DOS/VS System Programming Aid, consisting of several online CICS/VS programs operating in a DCS/VS environment, was developed by the city of Garland, Texas, in order to increase the productivity of the city's programming and operations staff. The aid addresses a major limitation of online usability of CICS/VS to the system and application programmers. Despite the power of CICS/VS to user groups, programming personnel still submit coding sheets to keypunch, verify card decks, and submit jobs for batch execution. This aid provides inquiry for displays of file information such as VTOC, directory contents, DASD space availability and standard label contents. An additional display provides CPU status information such as paging rate and page pool size and partition data such as real and virtual storage allocation, job identification and I/O device assignment. Use of this aid can reduce the need to run many batch utilities.

Manual, 8 1/2 x 11 inches, 80 pages, 1/78
 ////5796-ALX

SH20-1890

TSO/IQRP INTERFACE, IUP 5796-PBZ, DESCRIPTION/OPERATIONS
 This manual is designed to provide the necessary information for installing and running TSO/IQRP. It is intended to be used as an addendum to the Interactive Query and Report Processor Program Description and Operations Manual Book II, Operations and Installation Guide (SB20-1563). A prerequisite for the TSO/IQRP Interface is to have IQRP for CICS (IUP # 5796-PDG). CICS/VS itself is not a prerequisite.

Manual, 32 pages, 1/77
 ////5796-PBZ

SH20-1906

VM/370 RESOURCE MANAGEMENT, PRPQ P09006, PROG 5799-ARQ, INSTALLATION GUIDE

This publication contains information about the scope and content of the Resource Management PRPQ for VM/370. It provides planning and implementation information for installation managers, system programmers, and IBM system hardware and software support personnel. This publication describes:

- o New and changed VM/370 features and components
- o Modules added, deleted, or modified for the PRPQ

Prerequisite publications:

IBM Virtual Machine Facility/370:
 Release 3 Guide (GC20-1822)
 Planning and System Generation, (GC20-1801)

Manual, 8 1/2 x 11 inches, 36 pgs, 7/76
 ////5799-ARQ

SH20-1909

TSO/IQRP INTERFACE, IUP 5796-PBZ, TERMINAL USER'S GUIDE

The purpose of this manual is to enable IQRP terminal users to use IQRP, its language, and facilities. Terminal operation procedures and the IQRP language are explained. This manual assumes that the user has a working knowledge of TSO, and no attempt will be made to explain functions and/or facilities of TSO. See TSO Command Language Reference Manual (GC28-0646).

Manual, 8 1/2 x 11 inches, 80 pages, 1/77
 ////5796-PBZ

SH20-1921

GIS LIBRARY MAINTENANCE, IUP 5796-ANG, DESCRIPTION/OPERATION
 This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

The GIS2 and GIS/VS Library Maintenance Program

(Installed User Program 5796-ANG) aids an installation in the management of its GIS library data sets.

Many GIS users have found that maintenance of their GIS.LIB data set (i.e., GIS 2.LIB or GIS VS.LIB) presents certain difficulties. The directory of this partitioned data set often gets filled or an excessive number of members use the space allocated to the members thus causing system termination. Many of the members and directory entries are unnecessary. Some are on the data set because later GIS.LIB modules of multistep jobs remain on the library when an earlier step fails to complete. Others were once intentionally SAVED but were not deleted when their counterpart GIS.ILS (i.e., GIS 2.ILS or GIS VS.ILS) members were deleted.

The job of cleaning up this PDS is further compounded by the problem of identifying for whom or for what reason the members have been kept. The purpose of this IUP is to automate the determination of GIS library and directory entries which are no longer valid.
Manual, 24 pages, 3/77
/////5796-ANG

SB20-1922

VIRTUAL MACHINE/370 CONVERSATIONAL MONITOR SYSTEM (VM/CMS) EXEC LANGUAGE EXTENSIONS, IUP 5796-PJA, DESCRIPTION/OPERATIONS

This manual describes the functions of the processor. Formats and examples of the commands are included in the form of a user's guide. General system design and installation procedures are also specified.
Manual, 8 1/2 x 11 inches, 48 pages, 2/77
/////5796-PJA

SB20-1923

FORTRAN INTERACTIVE SUBROUTINE LIBRARY - IUP 5796-PBT, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

The FORTRAN Interactive Subroutine Library (FISLIB) Installed User Program consists of a set of FORTRAN callable subroutines which can be used by a FORTRAN programmer to give more flexibility to interactive FORTRAN programs. FISLIB is used where the interaction of human decision making ability with the computer program is essential to permit users to choose between alternatives at key points during program execution. The interactive program produced can be run under: VM/CMS; any of the TSO options - OS/MVT, OS/SVS or OS/MVS; VSPC FORTRAN; or DOS FORTRAN P utilizing the operating console.

The subroutines written in FORTRAN are designed to be system independent. They provide a simplified method of allowing the terminal program user to: specify program functions to be executed; specify parameters to be varied, reset or incremented; use a comprehensive desk calculator mode for intermediate computations; create procedures, a series of commands, executable by procedure name.
Manual, 72 pgs, 2/77
/////5796-PBT

SB20-1924

APL DECISION TABLE PROCESSOR (DTABL) - IUP 5796-PJB, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

The APL Decision Table Processor and Code Generator Installed User Program 5796-PJB is a set of interactive APL programs designed to help the user construct and maintain a library of limited entry decision tables and to compile the decision tables into procedural code in a high level language (COBOL, PL/I, APL, ALGOL). The usual concerns of program debugging may thereby be eliminated, allowing the end-user to concentrate on the decision-making logic of the application. Decision tables can be edited and validated for completeness and consistency. ALGOL, APL, COBOL, and PL/I code generators are provided. APL programs can be generated for immediate execution and testing. Programs in the other languages can be filed on a data set and be used as input to other language processors. A full coverage test case sequence for validating the object code is optionally produced.

A questionnaire processor is available as part of this system to guide an application user through a series of "yes/no" to produce a decision table map. The questionnaire is also useful for interactive checkout of table logic.
Manual, 48 pages, 3/77
/////5796-PJB

SB20-1927

DISK WORKFILE MANAGER FOR DOS/VS - IUP 5796-ANK, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

The Disk Work File Manager helps provide partition independence to DOS/VS users by dynamically allocating disk work files from pools of disk space which are internally maintained for each partition. A user may specify one or more pools for each partition, a pool of space assigned to one partition cannot be shared by other partitions. Typically requiring 2K bytes in the shared virtual area, this IUP handles program requests for disk work files by

intercepting and modifying incoming job control statements. In this manner, the same job (and same JCL) running in two different partitions will automatically be assigned different temporary disk space areas.
Manual, 44 pgs, 2/77
/////5796-ANK

SB20-1928

MASS STORAGE CONTROL TABLE MAINTENANCE, IUP 5796-PHY, USER'S GUIDE

The Mass Storage Control Table Maintenance Program is an interactive set of programs that provide the IBM 3850 (MSS) users with a convenient means to maintain and query the Mass Storage System.

This manual describes how to install and use these programs. All messages and how to specify input commands are described.
Manual, 8 1/2 x 11 inches, 48 pages, 3/77
/////5796-PHY

GB20-1941

NETWORK JOE INTERFACE: PRPQ P09007 (VM/370 NETWORKING PROG 5799-ATA), PRPQ P09008 (ASP NETWORKING PRG 5799-ATB), PRPQ P09009 (BASP NETWORKING PRG 5799-ATC)

This publication discusses the concept, Network Job Interface (NJI), and its three facilities VM/370 Networking PRPQ (VNET), ASP Networking PRPQ, and BASP Networking PRPQ. It is intended for data processing executives and managers, as well as non-data processing executives with an interest in the potential for significantly improved data processing resource utilization implicit in networking.

Topics covered include:

- introduction, use of similar and dissimilar processors in a unified NJI network
 - NJI Highlights
 - Advantages and Potential Uses
 - Migration
 - Improved Resource Utilization
 - NJI input, Output functions, RTAM
 - VM/370 Networking PRPQ Enhancements
 - ASP Networking PRPQ Enhancements
 - BASP Networking PRPQ Enhancements
- Manual, 8 1/2 x 11 inches, 28 pgs, 4/77
/////5799-ATA, 5799-ATC, 5799-ATB

SB20-1943

TELPAC OPTIMIZATION SYSTEM, IUP 5796-PJE, DESCRIPTION/OPERATION

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

The Telpac Optimization System, developed by the IBM Corporate Internal Telecommunications Department, is a set of programs which runs under OS/VS and analyzes an inventory of communications lines and generates a least cost Telpac network. The system prints circuit reroute orders to AT&T and creates a completely updated version of the total inventory.
Manual, 8 1/2 x 11 inches, 312 pgs, 10/77
/////5796-PJE

SB20-1952

IMS SPACE MANAGEMENT UTILITIES II, LIC IUP 5796-PJJ, DESCRIPTION/OPERATION

The IMS Space Management Utilities II can improve system performance and programmer productivity. They are designed to assist in managing OS, OS/VS, IMS/360 and IMS/VS data space, to detect and report IMS R.D. pointer discrepancies, to provide statistics and information for R.D. tuning and to assist with segment restructuring and reloading during data base reorganization.

This manual describes the function of the four IMS Space Management Utilities, how to specify input to them, and how to interpret the utility output. In addition, it describes the operating instructions, lists error messages, and provides installation guidelines. This manual is both a system description and an installation and operations reference document.
Manual, 8 1/2 x 11 inches, 220 pgs, 5/77
/////5796-PJJ

SB20-1953

DBPROTOTYPE II, IUP 5796-PJK, DESCRIPTION/OPERATIONS

The DBPROTOTYPE II Installed User Program consists of a set of programs that provide data base design evaluation support of Information Management System/Virtual Storage (IMS/VS). DBPROTOTYPE II enables the IMS/VS data base evaluator to obtain performance information about a data base and its application programs before they are implemented. DBPROTOTYPE II includes a program which estimates performance characteristics of the data base from its description. Other programs enable the evaluator to create model data bases and skeletal application programs to run against these data bases. By analyzing different design parameters, the user can select the system design best suited to the needs of the installation.

This manual describes the functions and use of the DBPROTOTYPE II programs; how to specify the characteristics of the system being modeled, and; how to interpret the resulting performance data. It includes sections on modeling methodology, usability, sample problems, installation and operating procedures, program

descriptions, error messages, and an index
Manual, 8 1/2 x 11 inches, 228 pgs, 5/77
/////5796-PJK

SH20-1965

DISPLAY EDITING SYSTEM FOR CMS, IUP 5796-PJP, USER'S GUIDE
This guide contains usage and reference information for Display Editing System for CMS, a full-screen editing system that operates under the Conversational Monitor System. (CMS component of IBM Virtual Machine Facility/370 (VM/370)).

The Display Editing System Installed User Program is a full-screen editing system for the Virtual Machine Facility/370 Conversational Monitor System (VM/370 CMS) designed to utilize the features of both local and remote terminals. In addition to a comprehensive array of cursor and command oriented data manipulation functions, the IUP has direct usability in a wide range of user applications. Display terminals supported are the IBM 3277 model 2 and the IBM 3278 model 2, including both the TEXT PROCESSING and APL keyboards.

The Display Editing System accommodates CMS files of all types, including program source material, documentation, and data. It permits users to change portions of the display without program intervention. By placing the cursor on the position(s) requiring change, the user may re-enter the correct character(s). The Display Editing System checks for modifications made to the display image and makes permanent copies of the changes to the file.

Users Guide, 8 1/2 x 11 inches, 64 pgs, 9/77
/////5796-PJP

GH20-1974

TSO-3270 DISPLAY SUPPORT AND STRUCTURED PROGRAMMING FACILITY (SPF) VERSION 2 GENERAL INFORMATION, PROG PROD 5740-XT8

SPF is a programming aid that operates in the Time Sharing Option (TSO) environment and is designed to increase productivity in developing and modifying programs. SPF supports VS2-TSO users who have a 24-line IBM 3270 display terminal equipped with a full keyboard, including 12 program function keys. SPF increases programmer productivity through:

- display presentations which prompt the user and simplify command and data entry.
- time-saving use of program function keys for commonly performed operations.
- features which facilitate structured programming in a time sharing environment.

This manual provides an overview and functional description of SPF.

Manual, 8 1/2 x 11 inches, 68 pgs, 3/77
/////5740-XT8

SH20-1975

TSO-3270 DISPLAY SUPPORT AND STRUCTURED PROGRAMMING FACILITY (SPF) VERSION 2, PROG PROD 5740-XT8, REFERENCE

SPF is a programming aid that operates in the Time Sharing Option (TSO) environment and is designed to increase productivity in developing and modifying programs. SPF supports VS2-TSO users who have a 24-line IBM 3270 display terminal equipped with a full keyboard, including 12 program function keys. SPF increases programmer productivity through:

- display presentations which prompt the user and simplify command and data entry.
- time-saving use of program function keys for commonly performed operations.
- features which facilitate structured programming in a time sharing environment.

This manual provides detailed information on how to use and install SPF.

Manual, 8 1/2 x 11 inches, 144 pgs, 3/77
/////5740-XT8

SH20-1977

VM/370 NETWORKING PRPQ P09007, PROG 5799-ATA, REFERENCE AND OPERATIONS

This publication provides the VM/370 system programmer and operator with the information necessary to install the VM/370 Networking PRPQ (VNET) and operate the VNET virtual machine. Use of the VNET facility by the VM/370 terminal user is described.

VNET is a virtual machine subsystem for VM/370. It manages the transmission and reception of data between a VM/370 system and other S/370s operating in a Networking Job Interface (NJI) communication network.

Topics covered include:

- o Network Job Interface (NJI) concept
- o Descriptions of VNET components and the VNET virtual machine
- o VNET installations and operation
- o VNET commands and messages
- o VM/370 terminal user guide
- o VNET supported remote terminals and stations

Prerequisite publications:

Network Job Interface, General Information Manual, order no. (GH20-1941)

Virtual Machine Facility/370: Introduction, order no. (GC20-1800)

Manual, 8 1/2 x 11 inches, 272 pgs, 4/77
/////5799-ATA

SH20-1978

ASP NETWORKING (PRPQ P09908) USER'S GUIDE, FROG 5799-ATE

This publication is intended for application programmers using ASP systems in which the ASP Networking PRPQ 5799-ATE has been installed. It describes the additional functional capabilities that this PRPQ makes available to the application programmer and the means by which the programmer can make use of them. It is assumed that the user is familiar with the ASP Application Programmer's Manual. Related reading:

- IBM System/360 and System/370 ASP Version 3 Asymmetric Multiprocessing System, Application Programmer's Manual (GH20-1291)
- Network Job Interface (NJI), General Information Manual (GH20-1941)
- ASP Networking: Program Reference and Operations Manual (SH20-1979)

Manual, 8 1/2 x 11 inches, 32 pgs, 4/77
/////5799-ATB

SH20-1979

ASP NETWORKING (PROGRAMMING RPQ P09008) REFERENCE AND OPERATIONS - FROG 5799-ATE

This publication is intended for system programmers responsible for installation and maintenance of ASP and for ASP system operators. It describes how to install the ASP Networking PRPQ 5799-ATB in an existing ASP system and how to operate the network interface.

The system programmer should be familiar with the generation process for ASP. The system operator should be familiar with the operator procedures and commands for ASP.

This publication is comprised of five major parts and two appendixes.

- GENERAL DESCRIPTION contains an overview of the ASP Network Job Interface, a discussion of the hardware assumed, and description of the format of the distribution tape.
- INSTALLATION PROCEDURE contains a step-by-step procedure to be used to install ASP NJI in an existing production system.
- INITIALIZATION describes the new and changed initialization cards to be placed in the ASP startup deck.
- OPERATOR PROCEDURES describes the procedures and commands for starting, stopping, and controlling network operations.
- NJI MESSAGES describes the messages issued by the system.
- The two appendixes describe the line logging facility and operation in RJP mode.

Related Reading:

- System/360 and System/370 ASP Version 3 Asymmetric Multiprocessing System, General Information Manual (GH20-1173)
 - System/360 and System/370 ASP Version 3 Asymmetric Multiprocessing System, System Programmer's Manual (GH20-1292)
 - System/360 and System/370 ASP Version 3 Asymmetric Multiprocessing System, Operator's Manual (GH20-1289)
- Manual, 8 1/2 x 11 inches, 60 pgs, 4/77
/////5799-ATC

SH20-1980

HASP NETWORKING USER'S GUIDE, PRPQ P09009 PROG 5799-ATC

This publication is designed to be both a guide and a reference for the user of a HASP II Version 4.0 system with the HASP Networking PRPQ installed (HASP/NJI). It is assumed that the reader is familiar with the standard HASP II Version 4.0 and the use of HASP control statements. For a detailed description of standard HASP control statements, see the OS/VS2 HASP II Version 4 Operator's Guide (GC27-6993).

In this publication, the first section, What Is NJI? gives an overview of the new capabilities of NJI. The next three sections, Extended Control Statement Facilities, Job and SYSOUT Transmission, and Bulk Data Transfer, describe the new capabilities in detail. They include descriptions of the control statements to be used to take advantage of these capabilities, and illustrations of how to use them. Appendix A contains a summary of the HASP/NJI control statements and their parameters. Appendix B contains sample job streams that can be used to accomplish a Bulk Data Transfer (See Terms Used in This Publication). Appendix C illustrates and explains the error messages that can be produced by HASP/NJI. Appendix D illustrates and explains system NOTIFY messages that can be produced by HASP/NJI.

Manual, 8 1/2 x 11 inches, 36 pages, 4/77
/////5799-ATC

SH20-1981

HASP NETWORKING SYSTEM PROGRAMMER'S GUIDE, PRPQ P09009 PROG 5799-ATC

Functional modifications have been made to HASP II, Version 4.0 to provide for the communication of jobs for execution, print and punch formatted data streams to Network Job Entry for JES2 (NJE) systems, and HASP, ASP and other VM/370 Systems when running with their respective Network Job Interface (NJI) support. Modifications have been provided to perform the actual networking functions between NJE and NJI systems. These modifications also provide compatibility with existing installations, and extend the networking functions to existing Remote Job Entry work stations.

These modifications include changes to the standard HASP

modules and the addition of two new modules, one to handle job transmission and the other to handle the receipt of SYSOUT data streams.

This manual provides system programmers step by step instructions on how to install the BASP Networking PRPQ (BASP/NJI).
Manual, 8 1/2 x 11 inches, 40 pages, 4/77
/////5799-ATC

SB20-1982

BASP NETWORKING OPERATIONS, PRPQ P09009 PROG 5799-ATC
This publication is a guide and reference for the operator of a BASP II Version 4 system with the BASP Network PRPQ (BASP/Network Job Interface) installed. It assumes that the operator is familiar with the Standard BASP II Version 4 Operator's Guide (GC27-6993). It presents specific operating techniques and operator commands related to computer networking only.

The BASP/NJI system is managed essentially by the standard BASP commands. Therefore, to avoid duplication, this publication coverage is limited to:

- New commands
- New parameters in existing commands
- Existing commands which operate differently or for which system responses have changed

In addition, appendixes to this publication list:

- BASP/NJI messages
- Print separator page
- BASP control card formats

Please refer to BASP II Version 4 Operator's Guide (GC27-6993) for items not covered in this publication.
Manual, 8 1/2 x 11 inches, 60 pages, 4/77
/////5799-ATC

SB20-2000

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED FUNCTION VERSION 4, PROG PROD 5740-XXD, MODEL MESSAGE CONTROL PROGRAM (MODEL MCP)

This manual contains an assembler listing and a narrative discussion of the Model Message Control Program (Model MCP) that is supplied with Telecommunications Control System - Advanced Function (TCS-AF).

The model MCP is intended to facilitate adaptation of TCS-AF to the user's specific requirements and resources by serving as an example for study and as a model containing tested and readily adaptable code. The model MCP may actually be run if the network definition corresponds (or is changed to correspond) to the user's resources.

Although efforts are made to keep all TCS-AF manuals current, the user should refer to the actual assembler listing of the model MCP, as received with TCS-AF, when using it to plan, or to aid in making modifications to his MCP.

Manual, 8 1/2 x 11 inches, 132 pages, 8/77
/////5740-XXD

SB20-2004

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF), LIC PROG 5740-XY3, PROGRAMMER'S GUIDE AND REFERENCE

This publication explains, in detail, the range of teleprocessing functions provided by TCS-ACF, and how to invoke these functions. It tells the user how to write a TCS-ACF/TCAM message control program in a single computer network environment, and also how to write TCS-ACF-compatible application programs. It is imperative that the reader use this manual in conjunction with the appropriate edition of the TCAM Programmer's Guide.

This manual describes the level of TCS-ACF code that functions with TCAM Level 10.

Manual, 8 1/2 x 11 inches, 324 pages, 10/77
/////5740-XY3

SB20-2005

TCS/ACF, LIC PROG 5740-XY3, MODEL MESSAGE CONTROL PROGRAM
This manual contains an assembler listing and a narrative discussion of the Model Message Control Program (Model MCP) that is supplied with Telecommunications Control System - Advanced Communications Function (TCS-ACF).

The model MCP is intended to facilitate adaptation of TCS-ACF to the user's specific requirements and resources by serving as an example for study and as a model containing tested and readily adaptable code. The model MCP may actually be run if the network definition corresponds (or is changed to correspond) to the user's resources.

Although efforts are made to keep all TCS-ACF manuals current, the user should refer to the actual assembler listing of the model MCP, as received with TCS-ACF, when using it to plan, or to aid in making modifications to his MCP.

TCS/ACF runs on S/370 under OS/VS1 or OS/VS2.

Manual, 116 pages, 6/78
/////5740-XY3

SB20-2006

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF), LIC PROG 5740-XY3, OPERATIONS GUIDE

This manual provides the user of TCS-ACF with information necessary for the operation of the TCS-ACF product. Among the subjects covered in the discussion of day-to-day operations are the execution of the TCS-ACF message control programs, restart capabilities, and operator control

commands and commands responses. In addition, there is a section describing main storage requirements. The level of TCS-ACF described in this manual functions with TCAM Level 10.

Manual, 8 1/2 x 11 inches, 136 pages, 10/77
/////5740-XY3

GB20-2007

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF), LIC PROG 5740-XY3, CONCEPTS AND FACILITIES

This manual describes the IBM Telecommunications Control System - Advanced Communications Function (TCS-ACF) program product, which provides control for single CPU network systems incorporating terminals and/or application programs. Based on and enhancing IBM's Telecommunications Access Method (TCAM), TCS-ACF controls traffic between terminals and application programs, message switching between terminals, and message transfer between applications. Lines and terminals may be shared among applications. Both user application programs and complex subsystem environments such as CICS/VS may be supported. Queuing and priority facilities for handling mixed message types may optimize line use and speed delivery of inquiry/responses messages.

A TCS-ACF message control program (MCP), customized by the user with TCS-ACF and TCAM macro instructions and assembler language, operates in the network computer, usually in a different storage-protected region or partition from application programs.

Support facilities include:

- operator control for complex networks
- online statistics gathering and security/authorization capabilities
- alternate path and indirect routing capabilities
- message integrity safeguards
- start/stop, binary synchronous communications, and SNA synchronous data link control device support equivalent to TCAM's
- aids for minimizing application program device-characteristic dependencies, including extended support for the IBM 3270 Information Display System

Note: This manual describes the Basic TCS-ACF program and does not apply to the multicomputer Networking Feature.

Manual, 8 1/2 x 11 inches, 116 pages, 10/77
/////5740-XY3

SH20-2008

EXTENDED FULL-SCREEN 3270 CONSOLE INTERFACE FOR VM/370 PRPQ MJ3269, PROG 5799-AWP, DESCRIPTION/OPERATIONS

This manual describes how this interface program permits a virtual machine to control the use of a 3270 display station with the 3270 console support facilities of VM/370. It also provides information on the installation of the interface program.

MANUL, 8 1/2 x 11 inches, 16 pages, 10/77
/////5799-AWP

GH20-2020

DMS/3770, LIC PROG 5748-XC3, GENERAL INFORMATION

This document contains information of a general nature concerning Display Management System/3770 (DMS/3770) which provides facilities to aid in the design, implementation, testing, and maintenance of application programs for the IBM 3770 Programmable Communications Terminal.

The basic function is to provide application programs that interface with the terminal operator and to provide data collection and maintenance with a variety of I/O support.

Manual, 28 pages, 4/78
/////5748-XC3

SB20-2021

DISPLAY MANAGEMENT SYSTEM/3770 (DMS/3770) RELEASE 1.0 PROG PROD 5748-XC3, REFERENCE AND OPERATIONS MANUAL

The Display Management System/3770 (DMS/3770) provides facilities to aid in the design, implementation, testing, and maintenance of application programs for the IBM 3770 Programmable Communication Terminal on S/370.

The basic function of this program product is to generate application programs that interface with the terminal operator and to provide data collection and maintenance with a variety of I/O support.

This manual contains detailed information to be referenced by application programmers.

Manual, 204 pages, 7/78
/////5748-XC3

GH20-2022

AUTOMATED OPERATOR FACILITY (AOF) FOR IMS/VS v1, LIC PROG 5740-XYD, GENERAL INFORMATION

This manual provides a general introduction to the Automated Operator Facility (AOF) to assist customer executives, installation managers, data base administrators, and data communication administrators in determining whether they wish to add this new facility to their IMS/VS Data Base/Data Communication System(s). The major items included in this manual are highlights of AOF functions, a more detailed description of those functions, application examples, and installation considerations.

Manual, 50 pages, 5/78
/////5740-XYD

SH20-2024

DISPLAY MANAGEMENT SYSTEM/VIRTUAL STORAGE (DMS/VS)
LIC PROG 5740-XC2, APPLICATION PROGRAM DESIGN GUIDE
 Display Management System/VS (DMS/VS) is a set of programs designed to simplify the implementation of online data processing operations using the 3270 Information Display System. The display management, file management, and message handling capabilities offered by DMS/VS make it possible to implement many new or existing applications in an online environment with little or no user programming. Preprogrammed facilities are provided to perform display operations such as paging and panel selection; data base and file operations such as data entry, inquiry, record update, and search; and message routing between display stations. These preprogrammed facilities will tend to simplify the design process and can lead to adoption of a standardized application design.

This manual presents a number of topics and coding examples which will help in the design and implementation of many DMS/VS applications. The manual is intended to be used as a reference document to complement information contained in the DMS/VS Program Reference Manual (SH20-1865), the DMS/VS Operations Guide (SH20-1864), and the DMS/VS Logic Manual (LY20-2266).
 Manual, 168 pages, 3/78
 ////5740-XC2,5746-XC2

SH20-2030

VS PERSONAL COMPUTING PL/I TERMINAL USER'S GUIDE, PROG PROD 5785-EAB

This book summarizes the structure of VSPC, the operation of available terminals, and outlines the VSPC commands needed for developing and running programs. A sample terminal session is given, showing step-by-step the method of constructing a program at the terminal.

Prerequisite to this book is a familiarity with the VSPC PL/I language as explained in VSPC PL/I Language Reference Manual, SH20-2031.

Manual, 8 1/2 x 11 inches, 116 pgs, 10/77
 ////5785-EAB

SH20-2031

VS PERSONAL COMPUTING PL/I LANGUAGE REFERENCE MANUAL, PROG PROD 5785-EAB

The manual is intended for use by programmers who already have some experience in using the IBM OS PL/I Optimizing Compiler. It is not intended to teach PL/I. It is organized in two parts: the first discusses the elements of PL/I, its components, and the general structure of PL/I programs as they are compiled and run under VSPC. The second part discusses the syntax of individual PL/I statements. There are four appendixes including a set of sample programs. A glossary explains PL/I terms used in the book.

Manual, 8 1/2 x 11 inches, 184 pgs, 10/77
 ////5785-EAB

SH20-2032

VS PERSONAL COMPUTING PL/I INSTALLATION REFERENCE GUIDE, PROG PROD 5785-EAB

This document provides reference information for the installation of the VS Personal Computing PL/I language processor under to OS/VS1 and OS/VS2 host operating systems. VSPC PL/I operates as a Foreground Processor in the VSPC environment under these systems. The processor is a single re-entrantable load module which includes the compiler and the library of execution time service subroutines.

Manual, 8 1/2 x 11 inches, 16 pgs, 10/77
 ////5785-EAB

SH20-2044

POWER/VS CHARGE BACK SYSTEM, IUP 5796-AQJ, DESCRIPTION/OPERATIONS

This manual is designed to provide the necessary information for installing and running the POWER/VS Charge-Back System. A prerequisite for the POWER/VS Charge-Back System is the POWER/VS Cost and Performance Analyzer FDP (5798-CDG).

Manual, 8 1/2 x 11 inches, 84 pages, 1/78
 ////5796-AQJ

SH20-2045

MSS TRACE/SMF CORRELATION AID PD/OM, IUP 5796-PJX

This manual is a guide for installing and using the MSS Trace/SMF Correlation Aid Installed User Program. The IUP contains a set of procedures that process and analyze MSS trace data collected during the operation of the IBM 3850 Mass Storage System. In addition, it will accept data processed by the SMF Job Data Compression Aid (JDCA), IUP 5796-PEN, that can be correlated with the MSS trace data.

The purpose of this IUP is to edit and arrange the trace data and optionally the JDCA SMF job related data in such a manner that the operational aspects of the IBM 3850 MSS are made visible to the user in various sequences that are useful in making the IBM 3850 process user data in a more efficient manner.

The MSS Trace/SMF Correlation Aid reports the various aspects of the operation of the IBM 3850 MSS on user control card requests.

This publication consists of an introductory overview and three main parts:

1. Part 1 (Chapter 2) describes the individual reports in detail.

2. Part 2 (chapters 3-4) explains how to install and run the IUP's procedures.

3. Part 3 (chapter 5, Appendix) explain how to use the reported information to accomplish MSS tuning.

Manual, 8 1/2 x 11 inches, 68 pages, 1/78
 ////5796-PJX

SH20-2046

APL COMPUTER AIDED INSTRUCTION, IUP 5796-PJW, DESCRIPTION/OPERATIONS

This manual is designed to provide the necessary information for installing and using the APL Computer Aided Instruction for 370 Systems.

Manual, 8 1/2 x 11 inches, 96 pages, 5/78
 ////5796-PJW

SH20-2047

HOST REMOTE NODE ENTRY SYSTEM, IUP 5796-PJY, DESCRIPTION/OPERATION

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

The Host Remote Node Entry System, Installed User Program (5796-PJY), provides the capability of making a VS1 system a remote job entry station to any OS/VS2 MVS/JES2 or SVS/HASP system or another OS/VS1 system. (In an OS/VS1 to OS/VS1 configuration, HRNES could be installed on both CPUs, but is not required. This program, running in a VS1 partition, will do the following; automatically sign on to MVS/JES2 or SVS/HASP, SCAN the specified VS1 input queues and send all jobs found there to MVS/JES2 or SVS/HASP for execution, receive all output from MVS/JES2 or SVS/HASP and will disperse it to the originator at either a local printer/punch or to an RJE printer/punch, provide all MVS/JES2 or SVS/HASP RJE commands to the VS1 operator, provide commands to the VS1 operator, allow sign-off from the VS1 console.

Manual, 8 1/2 x 11 inches, 48 pages, 1/78
 ////5796-PJY

SH20-2050

VSPC LIBRARY PRINT, PROGRAM NUMBER 5785-EAA, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

The VSPC Library Print Program, Installed User Program 5785-EAA, provides the VSPC chief administrator with an easy aid to list all enrolled users and their profiles, and to list all file profiles currently in the VSPC library. These are read from either the VSPC directory (SYSLDIR) on disk or a backup tape created by the VSPC Service Program.

Output consists of four reports:

- . List of users and their profile attributes
- . List of users' files and their attributes
- . List of users' accumulated accounting information
- . List of System, Foreground Processor, and Auxiliary Processor profiles

Manual, 8 1/2 x 11 inches, 20 pages, 1/78
 ////5785-EAA

SH20-2056

IMS/VS ONLINE DATA MANAGEMENT UTILITY, IUP 5796-AQZ, DESCRIPTION/OPERATIONS

The IMS/VS Online Data Management Utility, developed by Elue Cross Hospital Service of Missouri, Inc., is an IMS/VS transaction which provides the facility for catalog and DASD management. The terminal user may display catalog, Volume Table of Contents (VIOC) and directory information for a data set; catalog, uncatalog, and scratch datasets; display, rename, or scratch a Partitioned Data Set (PDS) member; rename a DASD data set; send messages to the OS/VS console; and maintain OS/VS catalog indexes. This aid provides a productivity tool for application development programmers and system programmers with interactive facilities not previously available under IMS/VS. It has proven to be useful to operations personnel when restarting systems which have failed.

Manual, 8 1/2 x 11 inches, 56 pages, 1/78
 ////5796-AQZ

SH20-2057

3800 HIGH VOLUME PRINTING, IUP 5796-ARA, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

The 3800 High Volume Printing Program, Installed User Program 5796-ARA, developed by Donnelley Marketing of Nevada, Iowa, can print high volume output online to the IEM 3800 Printing Subsystem in an OS/VS environment. The product was designed to maximize throughput rates of the IEM 3800 while minimizing utilization of system resources.

The use of QSAM for processing of the input print image records allows the program to be device independent of the storage media used to hold the print image records.

A wide variety of input record formats are supported; blocked or unblocked; Fixed or variable; and ASA, Machine control characters or no control characters. In addition, reformatting of 3-line mailing labels (4-up or 5-up) is done by the program allowing these labels to be printed on either a 3800 or an impact printer.

Keyword parameters specified by the operator facilitate control over each execution of the program. 3800 features of PLASE, COPYMOD character sets (CEAR), table recognition characters (TRC), and BURST can be used along with the IUP.

Input device independence and the variety of input and output formats of this IUP along with the IBM 3800 Printing Subsystem increases the printing flexibility of a data processing installation.

Manual, 8 1/2 x 11 inches, 44 pages, 1/78
 ////5796-ARA

SB20-2058

IMS/VS RESPONSE TIME MONITOR IUP 5796-ARB
DESCRIPTION/OPERATION

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

The IMS/VS Response Time Monitor developed by Philadelphia National Bank is a real-time, table driven system of IMS/VS programs which interact to measure the transaction scheduling capability of an IMS/VS D.C. System. The user sets criterion for acceptable response time for each message and the Response Time Monitor measures these response times at regular intervals while the IMS/VS control region is active. Message classes, whose response times exceed the user-selected criteria, are logged and time stamped and the IMS Master Terminal Operator is notified as delays occur. Action can then be taken to alleviate the response time problem or investigate it further. The IMS/VS Response Time Monitor assists the IMS operations personnel in avoiding serious response problems.

Manual, 8 1/2 x 11 inches, 24 pages, 1/78
 ////5796-ARB

SB20-2059

3741 REPORT GENERATOR, IUP 5796-ARC, DESCRIPTION/OPERATIONS
NO abstract available.

Manual, 8 1/2 x 11 inches, 60 pages, 1/78
 ////5796-ARC

SB20-2060

GENERAL CROSS ASSEMBLER GENERATOR, PD/OM, IUP 5796-PKD
This Program Description/Operations Manual provides the user
with sufficient information to understand, install and
successfully use the program.

The Cross Assembler Generator is a system of programs designed to dramatically reduce the time and cost to create basic program assemblers for a wide variety of computer architectures. The entire system is implemented in APL. A cross-assembler is an assembler which runs on one computer to assemble code for another computer. The first computer is called the "host computer", and the second is called the "target computer." The Cross Assembler Generator takes advantage of the fact that only 25-30% of an assembler is dependent on the design of the target computer. If the host computer is held constant, then only target computer dependencies need be changed to vary from one assembler to another. Furthermore, the portion of the assembler that is changed has a high degree of regularity and usually can be generated from only one or two pages of descriptive material.

Systems integrators will find this particularly attractive since they can debug machine language programs for hardware before they actually take delivery. This will reduce dependence on the supplier's delivery schedule.

Colleges and universities can use the Cross Assembler Generator in both practical laboratory work and in classrooms as a teaching tool.

Manufacturers can use the Cross Assembler Generator for preliminary programming and thus reduce cost and time in programming support. In addition, these manufacturers can also more cheaply support experimental process or design.

Time sharing vendors and in-house time sharing systems will find this of use to existing users as well as a means of attracting smaller hardware integration to their time sharing services.

Highlights

- Provides end users capability to rapidly define computer assembler
- Can run in any VSAPL, APLSV environment
- Users need not know APL
- Prompting module to lead user through assembler definition
- Core patching capability

Manual, 8 1/2 x 11 inches, 48 pages, 1/78
 ////5796-PKD

SB20-2061

IBM 3800 - 90 DEGREE PRINT PROGRAM, IUP 5796-ARE,
DESCRIPTION/OPERATIONS

The IBM 3800 - 90 Degree Print Program, Installed User Program 5796-ARE, developed by the New York State Legislature in Albany, provides printing at 90 degrees to normal printer output. Full pages are rotated 90 degrees one at a time and printed using the 90 degree characters provided. Applications requiring printing at greater density than 60 or 80 lines per page can be run on the IBM 3800 printing subsystem utilizing the paper width rather than the paper depth for printing. Many 3800 installations can benefit from the flexibility of being able to use either 8 1/2 x 11 inch or 11 x 8 1/2 inch form sizes without changing the paper in the machine. Also, for 14 7/8 x 11 inch paper, using the width of the paper as the depth allows

36 percent more lines to be printed at 12 lines per inch and has the effect of reducing the resultant 3800 Monthly Use Charge by the same percentage.

Manual, 8 1/2 x 11 inches, 64 pages, 5/78
 ////5796-ARE

SB20-2062

VSAMZAP OS/VS IUP 5796-PJQ, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

When errors are introduced into a file, whether because of programming problems, I/O errors, power failures or for other reasons, correcting them can be difficult and time consuming. This is especially true with VSAM because often the actual location of the data is not known precisely. An effective solution to this problem is to access the VSAM Control Blocks and extract the information necessary to find and examine and, if necessary, modify the data. VSAMZAP does just this; it allows an authorized person to access, verify and replace any data in any type of VSAM Data Set. The program can be run using either card input and printer output or the systems console. It can also be run interactively under Time Sharing Option - TSO (OS) or Entry Time Sharing System - ETSS (DOS). The integrity of files is protected using the password facility of VSAM if it is implemented on the system. Care should be exercised, however, in changes; especially the key field in a RSDS Data Set.

Manual, 8 1/2 x 11 inches, 36 pages, 1/78
 ////5796-PJQ

SB20-2063

VSAMZAP, DCS/VS IUP 5796-PKG, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

When errors are introduced into a file, whether because of programming problems, I/O errors, power failures or for other reasons, correcting them can be difficult and time consuming. This is especially true with VSAM because often the actual location of the data is not known precisely. An effective solution to this problem is to access the VSAM Control Blocks and extract the information necessary to find and examine and, if necessary, modify the data. VSAMZAP does just this. It allows an authorized person to access, verify and replace any data in any type of VSAM Data Set. The program can be run using either card input and printer output or the systems console. It can also be run interactively under Time Sharing Option - TSO (OS) or Entry Time Sharing System - ETSS (DOS). The integrity of files is protected using the Password facility of VSAM if it is implemented on the system. Care should be exercised, however, in changes; especially the key field in a RSDS Data Set.

Manual, 8 1/2 x 11 inches, 32 pages, 1/78
 ////5796-PKG

SB20-2066

DOS/VS CHAINED CHANNEL COMMAND WORD/PRINT SUBROUTINE,
IUP 5796-ARB, DESCRIPTION/OPERATIONS

This manual is designed to provide the necessary information for installing and using the DOS/VS Chained Channel Command Word/Print Subroutine IUP.

Manual, 8 1/2 x 11 inches, 36 pages, 1/78
 ////5796-ARB

SB20-2067

OS/VS1 PRIORITY QUEUE AGING PROCESSOR, IUP 5796-ARG,
DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

The VS1 Priority Queue Aging Processor is designed to ensure a consistent level of service for all jobs processed in a system. Under the VS1 Priority Queue Aging Processor all jobs are periodically aged or advanced in priority within the input queue. Thus, low priority jobs will eventually reach the highest dispatching priority and be executed in a timely fashion.

Highlights:

- Variable, time initiated processing of the job queue
- Ages both centrally submitted (local) and RJI (remote) jobs
- Operator query and modification of the scan time period
- Executes in a normal batch partition
- Employs standard interfaces to the OS/VS1 operating system

Manual, 8 1/2 x 11 inches, 24 pages, 5/78
 ////5796-ARG

SB20-2072

DL/I CICS/VS TEST DESCRIPTION/OPERATIONS IUP 5796-ARM

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see Boia abstract for G320-6053 (5796-ARM).

Manual, 8 1/2 x 11 inches, 31 pgs, 3/78
 ////5796-ARM

SB20-2073

IMS-APL DATA LINK FOR VSFC, IUP 5796-PLA,
DESCRIPTION/OPERATIONS

This manual describes how to install and use the IMS-APL Data Link for VSFC. Sections concerning hardware and software prerequisites, sample JCL, and program check-out procedures, are intended to be used by systems programmers. Other sections dealing with terminal procedures are intended for APL terminal users.
Manual, 8 1/2 x 11 inches, 56 pages, 2/78
/////5796-PLA

SB20-2077

QUERY BY EXAMPLE, IUP 5796-PKT, DESCRIPTION/OPERATIONS

This manual is intended for those operations personnel responsible for the installation, application, and maintenance of Query-by-Example in the end-user environment. It is also intended for the end user who is a data processing professional.

The Query-by-Example Installed User Program is a VM/370 CMS-based facility. It is intended for use with an IBM 3277 (Model 2) Display Station in an interactive mode. It does, however, have a linear syntax for use in batch processing and with non-3277 input terminals. Query-by-Example provides the end user community with a simple and unified approach to manipulating data stored on a Query-by-Example data base. The major feature of Query-by-Example is its high-level language which is simple to learn and use while providing a powerful capability for defining, retrieving, updating, inserting, and deleting Query-by-Example stored data. The Query-by-Example language provides for:

- Definition of tables.
- Definition of access control (user authority).
- Retrieval of data from tables via query operations.
- Flexible update, insert, and delete operations.
- Query storage and recall.
- Disk and printer output control.

Additional system features include:

- A bulk-loading facility for entering data into QBE.
- An IMS extract facility which provides a selection capability for incorporating, via the bulk-loading facility, subsets of operational IMS data bases into Query-by-Example.
- A set of utilities for backup, restore, analysis, and compaction of data.
- An application programming interface for PL/I and APL programs executing in the VM/CMS environment.

Manual, 8 1/2 x 11 inches, 144 pages, 9/78
/////5796-PKT

SB20-2078

QUERY BY EXAMPLE, IUP 5796-PKT, TERMINAL USER'S GUIDE

This manual is intended for a wide range of users, from people with little or no computer experience to those who know computers well and use them professionally. Therefore, the manual is organized into three general areas: introduction, language examples, and reference material. The first two sections contain introductory information; they tell you about computers and teach you how to use Query-by-Example. The next four sections show you how to use all of the facilities of the Query-by-Example language to retrieve, update insert, and delete data from tables, as well as how to create tables of your own, authorize others to use your tables, store queries for later use, and manipulate your output. The last section contains reference material to be used after you have learned the language. Appendices contain additional reference material. Query-by-Example is a powerful and flexible language which can be used to manipulate tabular information; that is, information arranged by rows and columns. Query-by-Example lets you look at, update, create, add to, and delete from this data in a convenient and simple manner. For example, you might want to obtain the names of all employees who work second shift in the Chicago area. To obtain a list of these names, you fill in a blank table by typing in the required information, thus asking Query-by-Example to get the list for you. The list of names appears in front of you on a display screen. You can then either act on this information by updating the data or make a new request.

Manual, 8 1/2 x 11 inches, 212 pages, 9/78
/////5796-PKT

SB20-2079

VM/370 SPOOLING SUPPORT FOR 328X PRINTERS, IUP 5796-PKZ,
DESCRIPTION/OPERATIONS

The purpose of this manual is to provide the VM/370 system programmer, operator and user with sufficient information to understand, install and successfully use the VM/370 Spooling Support for Local 328X Printers.

This program product enables the VM/370 user to direct his spool files to the appropriate IBM 328X Printer through the use of the VM/370 CP Spool and TAG commands as he would to any other location appointed by RSCS (Remote Spooling Communications Subsystem component of VM/370) or VNET (VM/370 Networking PPPQ 5799-ATA). The program accepts, deblocks, and prints the user spool files by interfacing with RSCS or VNET virtual machine and the VM/370 system.
Manual, 36 pages, 9/28
/////5796-PKZ

SB20-2088

BULK DATA TRANSFER, IUP 5796-PKK, DESCRIPTION/OPERATIONS

The Bulk Data Transfer IUP provides users of NJF for JES2, HASP/NJI and ASE/NJI with the capability to transfer data sets from one mode in a network to another. This requirement is common to a number of customers who wish to transmit large data files between geographically separated systems or co-located systems via the channel-to-channel adaptor. This manual includes operating procedures, installation instructions, message formats, and error conditions for this IUP.

Manual, 8 1/2 x 11 inches, 32 pages, 5/78
/////5796-PKK

SB20-2100

IBM S/370 FORTRAN B EXTENDED OPTIMIZATION ENHANCEMENT,
IUP 5796-PKR, DESCRIPTION/OPERATIONS

This manual contains reference information for the IBM System/370 Fortran B Extended Optimization Enhancement.

The Optimization Enhancement provides a higher level of optimization for the compilation of Fortran language source programs into executable object programs. It also provides faster versions of the most commonly used mathematical subroutines in the Fortran library and of the interpretation and conversion subroutines necessary for formatted input and output. The Optimization Enhancement requires no changes to Fortran source programs.

The Optimization Enhancement generally results in object programs which run faster than those executed under the standard Fortran B Extended compiler and library. The amount of improvement varies from program to program and from one System/370 model to another. In general, the best results are observed for larger programs on larger systems.

The Optimization Enhancement runs under VM/CMS, OS/VS1, and OS/VS2 using the same conventions as the standard Fortran B Extended compiler and library.

Manual, 60 pages, 8/78

/////5796-PKR

SB20-2103

3270 FULL SCREEN SUPPORT FOR COBOL USING TSC IUP 5796-ATK
DESCRIPTION/OPERATIONS

The 3270 Full Screen Support for COBOL using TSO, Installed User Program 5796-ATK, developed by the University of Notre Dame in Indiana, provides the COBOL programmer with the ability to utilize the facilities of the 3270 under TSC and not be concerned with the details of formatting the screen. This manual describes the capabilities of the system and provides installation instructions and programming information.

Manual, 8 1/2 x 11 inches, 40 pages, 9/78

/////5796-ATK

SB20-2104

ACP/VTAM AND NOSF DEFINITION AID,
IUP 5796-PKY, DESCRIPTION/OPERATIONS

This manual is a guide for installing and using the ACP/VTAM and NOSF Definition Aid Installed User Program. It is intended for the systems programmer(s) responsible for defining and maintaining an ACP/VTAM multiple domain network.

The IUP can be used to generate the cross domain resource (CDRSC) definitions for ACP/VTAM and the resource routing default (RFD) definitions for NOSF.

Written in System/370 Assembler language and designed to operate with OS/VS1 Release 6 and OS/VS2 (SVS Release 1.7 and MVS Release 3.7), it uses only sequential access methods. The formats of the definitions generated are compatible with ACP/VTAM and the Network Operation Support Program (NOSP).

Manual, 8 1/2 x 11 inches, 32 pages, 7/78

/////5796-PKY

SB20-2105

IMS/VS EMERGENCY LOG TERMINATOR, IUP 5796-ATN,
DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

The IMS/VS Emergency Log Terminator program is to be used when an IMS/VS System Log Tape cannot be otherwise closed through normal programs and procedures. This typically occurs following a catastrophic failure such as a power failure.

Expeditious closing of the IMS/VS System Log Tape is required in order to attempt IMS/VS Emergency Restart as soon as possible after a system failure. This is frequently successfully done by the existing IMS/VS System Log Termination Utility Program (DFSIFLOT). When DFSIFLOT is not successful, such as when the system dump is not available, due to a power failure, the log must be closed in some other way before an Emergency Restart can be attempted. In both on-line and batch IMS/VS environments, the properly closed log is also needed to effect data base recovery. To insure the integrity this requires, use of the IMS Write Ahead Log features is a prerequisite for this IUP.

Manual, 8 1/2 x 11 inches, 40 pages, 9/78

/////5796-ATN

SB20-2106

IMS/VVS MESSAGE REQUEUEER, IUP 5796-ATP DESCRIPTION/OPERATIONS
 IMS/VVS Message Requeueing permits an installation to reinsert input and output messages back into an IMS/VVS system from IMS/VVS log tapes after IMS/VVS has normally or abnormally terminated. The messages are reinserted with their original timestamp and are inserted in original time sequence. An audit trail is produced recording messages that could not be reinserted because of changes in the IMS/VVS environment, such as the elimination of transaction codes or logical terminal names. IMS/VVS Message requeueing is designed to be used for the following purposes:

1. To carry unprocessed messages across an IMS/VVS System.
2. To recover messages if IMS/VVS Emergency Restart of Normal Restart fails.
3. To extract specific transactions (up to 100 codes) from log tapes to be processed correctly by an application program previously in error.
4. To stress test or regression test an IMS/VVS System.

Manual, 8 1/2 x 11 inches, 108 pages, 10/78
 ////5796-ATP

SB20-2107

DL/I DOS/VSE SPACE MANAGEMENT UTILITIES, IUP 5796-PKX, DESCRIPTION/OPERATION
 The DL/I DOS/VSE Space Management Utilities can improve system performance and programmer productivity. They are designed to detect and report DL/I HD pointer discrepancies, to provide statistics and information for HD tuning and to assist with segment restructuring and reloading during data base reorganization.

This manual describes the function of the three DL/I Space Management Utilities, how to specify input to them, and how to interpret the utility output. In addition, it describes the operating instructions, lists error messages, and provides installation guidelines. This manual is both a system description and an installation and operations reference document.

Manual, 8 1/2 x 11 inches, 180 pages, 8/78
 ////5796-PKX

SB20-2112

2260 COMPATIBILITY FOR CICS/VSE USING VTAM/TCAM 5796-ATW
 The 2260 Compatibility for CICS/VSE Using VTAM/TCAM, installed User Program 5796-ATW, developed by the Public Service Company of Colorado, provides code and procedures which enable most CICS application programs written for the 2260/2741 to be easily converted to run in an SNA environment with either VTAM or TCAM. The IUP requires a 3270 with a 1920 character screen or greater and is designed to reduce the time needed to migrate existing 2260/2741 CICS/VSE applications to VTAM or TCAM by replacing the DFPTC macro with a new PECTC macro.

This manual provides a system overview, installation instructions, sample problem exercise and recommended conversion procedures.

Manual
 ////5796-ATW

SB20-2117

GLOBAL SHARED ACCESS METHOD (GSAM) IUP 5796-ATX DESCRIPTION/OPERATIONS
 GSAM is a set of programs designed to provide safe and easy access to VSAM data from multiple MVS jobs running concurrently through use of the facilities of the Global Shared Resources (GSR) feature of VSAM.

This publication is directed to the person responsible for planning, installation, operation, and writing both calls to as well as user-exit routines for the Global Shared Access Method (GSAM).

Manual, 64 pages, 1/79
 ////5796-ATX

SB20-2118

GLOBAL SHARED ACCESS METHOD (GSAM) IUP 5796-ATX PROGRAMMERS GUIDE
 GSAM is a set of programs designed to provide safe and easy access to VSAM data from multiple MVS jobs running concurrently through use of the facilities of the Global Shared Resources (GSR) feature of VSAM.

This publication is directed to the programmer responsible for creating and executing calls to the Global Shared Access Method (GSAM) from APL, system assembler, COBOL, FORTRAN, or PL/I.

Manual, 72 pages, 1/79
 ////5796-ATX

SB20-2125

3800 PAGE FORMATTING SERVICES, IUP 5796-AWE, DESCRIPTION/OPERATIONS
 The IBM 3800 Page Formatting Services IUP allows an OS/VSE user to take advantage of almost all IBM 3800 features with minimal education and effort on the part of the applications programmer.

The purpose of this manual is to provide the user with sufficient information to understand, install and use this IUP. While primarily a users' guide, it also provides both detail installation information for the system programmer and general information for planning purposes.

Manual, 8 1/2 x 11 inches, 100 pages, 4/79
 ////5796-AWE

SB20-2142

TCS-ACF VERSION 2 NETWORKING LOGIC, LIC PROG 5740-XY3
 This publication explains, in detail, the range of teleprocessing functions provided by TCS-ACF Version 2 including the TCS-ACF Base Program plus the Networking Feature. It tells the user how to write a TCS-ACF/TCAM message control program in a single or a multiple computer network environment, and also how to write TCS-ACF compatible application programs. It is imperative that the reader use this manual in conjunction with the ACP/TCAM System Programmer's Guides. This manual describes the level of TCS-ACF code that functions with ACP/TCAM base feature number 9001 and Networking feature number 6008. The ACP/TCAM Networking Feature is a prerequisite for the TCS-ACF Networking feature.
 Manual, 428 pages, 6/78
 ////5740-XY3

SB20-2144

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF) VERSION 2, LIC PROG 5740-XY3, NETWORKING OPERATIONS GUIDE

This manual provides the user of TCS-ACF for S/370 OS/VSE or OS/VSE2 with information necessary for the operation of TCS-ACF Version 2 - including the TCS-ACF Base Program plus the Networking features. Among the subjects covered in the discussion of day-to-day operations are the execution of the TCS-ACF message control programs, restart capabilities, and operator control commands, and commands responses. In addition, there is a section describing main storage requirements.

The level of TCS-ACF described in this manual functions with ACP/TCAM Base feature number 9001 and Networking feature number 6008. The ACP/TCAM Networking feature is a prerequisite for the TCS-ACF Networking feature.
 Manual, 162 pages, 6/78
 ////5740-XY3

SB20-2145

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF) VER 2, LIC PROG 5740-XY3, BASE PROGRAM OPERATIONS GUIDE

This manual provides the user of TCS-ACF with information necessary for the operation of the TCS-ACF Version 2 Base Program for S/370 OS/VSE or OS/VSE2. Among the subjects covered in the discussion of day-to-day operations are the execution of the TCS-ACF message control programs, restart capabilities, and operator control commands and command responses. In addition, there is a section describing main storage requirements.

The level of TCS-ACF described in this manual functions with ACP/TCAM Base feature number 9001 and Networking feature number 6008. The TCS-ACF Networking feature is not described in this manual.

Manual, 144 pages, 6/78
 ////5740-XY3

SB20-2148

IBM/VSE AUTOMATED OPERATOR FACILITY (AOP), LIC PROG 5740-XYD, PROGRAM REFERENCE AND OPERATIONS

The Automated Operator Facility (AOP) can improve the operational environment and the availability of IMS/VSE Version 1 by distributing the master terminal operator's responsibilities, by providing an automated procedure for restoration of the status of IMS/VSE resources after a restart, and by providing for dynamic command generation.

This manual contains detailed information on the functions of AOP and how to prepare for and use this facility. It is provided for data base and data communication administrators, system programmers, installation managers, and terminal operators.

Manual, 256 pages, 2/79
 ////5740-XYD

GB20-2156

TELECOMMUNICATIONS CONTROL SYSTEM ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF), NETWORKING, CONCEPTS AND FACILITIES MANUAL

This manual introduces the Networking feature of TCS-ACF, which may be ordered with TCS-ACF Base program. The Networking feature enriches the functions provided by ACP/TCAM with the Multisystem Networking Facility. The Networking feature of TCS-ASF:

- Extends device support provided by ACP/TCAM MSGNP
- Provides enhanced routing capability and traffic management facilities.
- Provides an integrated inter-host message switching capability.
- Simplifies network definition in a multi-host network.
- Provides a structure for incorporation of foreign (non-SNA) hosts, foreign links, or multiple SNA networks into a single network.
- Provides a Model Message Control Program that can be run without change, or tailored to the user's requirements.

Manual, 36 pages, 1/79
 ////5740-XY3

SB20-2161

RACP/CODES UPDATE SYSTEM, IUP 5796-PLK DESCRIPTION/OPERATIONS

The RACP/Codes Update System Installed User Program is a

fully automated password generation and auditing system. It provides the installation with the ability to update RACF user type passwords and/or audit their users within any desirable time frame. With the use of the system, a RACF installation can centralize the control of the password assignment and change functions which are normally a RACF user responsibility.

The RACF/Codes Update System is designed to be used with "snap-out" form-type mailers, which are readily available from various forms vendors. The program prints the new password, name and address, and any user message on the cover sheet of the special form. This cover sheet is removed and held as the master listing and is used for the auditing process. The new password and message are printed only on the cover sheet and on the inside part of the form. This is accomplished by the arrangement of carbons within the mailer envelope. The new password is visible only when it is separated from the envelope portion of the multipart form.

Manual, 20 pages, 1/79
 ////5796-PLK

SE20-2164

PL/I LANGUAGE CONSTRUCTION PRE-PROCESSOR, 5796-PLL
DESCRIPTION/OPERATIONS

The PL/I Language Construction Preprocessor is a general purpose preprocessor for PL/I, similar in many ways to the built-in preprocessor, but far more efficient when a large number of new language statements must be defined. Using it, one may create a "language within a language" - i.e., a set of commands for simulation, data base access, graphics, etc., which will be translated to PL/I code. The program will take as input a file consisting of new language commands and, optionally, interspersed PL/I statements, and produce a file of PL/I statements acceptable as input to the PL/I compiler. Command names can be identified by context, so that it is unnecessary to prohibit their use as PL/I variable or array names. The user must supply an external PL/I procedure for each new language statement, to generate the appropriate expansion. He is allowed full use of the PL/I language (as opposed to the limited use permitted by the built-in preprocessor). Efficiency is achieved by pre-compiling the language expansion routines, and by avoiding any extra processing for an unreferenced command. It is designed to operate with OS/VS1, OS/VS2 MVS and VM/370 CMS.

Manual
 ////5796-PLL

SE20-2166

IMS - CMS DATA LINK FOR VM/370, IOP 5796-PLE,
DESCRIPTION/OPERATIONS

This program links the power of APL or CMS data manipulation with the data storage capabilities of IMS. An APL or CMS user may submit IMS transactions and, upon completion of IMS processing, have IMS output available in the users' APL or CMS address space. After processing the data, the user may store results in the IMS system.

This publication describes how to install and use the program. Sections concerning hardware and software prerequisites, sample JCL, and program checkout procedures are intended to be used by systems programmers. Other sections dealing with terminal procedures are intended for APL and CMS terminal users.

Manual, 88 pages, 1/79
 ////5796-PLE

SE20-2169

HIGH-SPEED SEQUENTIAL RETRIEVAL OF IMS/VS DATA BASES, IUP
5787-LAA, DESCRIPTION/OPERATIONS

Many IMS/VS installations run batch DL/I jobs which sequentially process large physical DL/I data bases. If the installation is an online system, these batch runs may have to be made at night while the data bases are not being updated. In both cases there may be a need to increase the system throughput. High-Speed Sequential Retrieval (HSSR) was designed as a high performance option to improve throughput for sequential processing of IMS/VS physical data bases. The reduction in CPU-time depends on the Data Base environment, but could reach up to 80% of the CPU-time needed by DL/I.

With HSSR, an installation may:

- Reduce the time required for batch processing
- Find that new batch applications are now feasible
- Run online for a longer period of time

This Installed User Program was developed by, and is running at, the Swiss Bank Corporation, Basel, Switzerland.

Manual
 ////5787-LAA

SE20-2170

THE APL HANDBOOK OF TECHNIQUES WORKSPACE 5796-PLP,
DESCRIPTION OPERATIONS

This IUP consists of the machine-readable equivalent of the APL code which appears in the publication - the APL Handbook of Techniques, form number S320-5996. It may be used as the nucleus of a personal workspace. With it application development may be simplified considerably by using English-like expressions within your APL functions.

This IUP is written entirely in the APL language and is designed to operate with program product VS APL, program number 5748-AP1.

Manual, 16 pages, 1/79
 ////5796-PLP

SE20-2171

VSE PERFORMANCE TOOL, IUP 5796-PLQ, DESCRIPTION/OPERATIONS

The performance of an IBM System 4300 operating under DOS/VSE with VSE/Advanced Functions of an IBM System 370 operating under DOS/VS2 or DOS/VS depends on many complex and interrelated factors. Manual or theoretical methods cannot adequately evaluate machine/system performance. The VSE/PT Installed User Program is a software tool that provides the ability to measure and report many performance-related factors of such a system.

It uses dynamic event tracing and/or periodic statistical sampling to record system status on an output data file. Subsequently, a series of reports can be produced to aid in the evaluation of software and hardware performance during the entire monitoring period or any portion thereof.

Used on a regular basis, VSE/PT can help answer some key performance questions. It can measure the changing environment to aid in an understanding of the system's internal operations. The measurement detail can be used to identify where changes to the system may produce an improvement in overall performance. Subsequent analysis can verify that the changes produced the desired result. Finally, an analysis of the VSE/PT reports can assist in determining which resources are available for the future growth of the system.

Manual
 ////5796-PLQ

SE20-2191

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF) - NETWORKING LIC PROG 5740-XY3
MODEL MESSAGE CONTROL PROGRAM (MODEL MCP)

This manual contains an assembler listing and a narrative discussion of the Model Message Control Program (Model MCP) that is supplied with Telecommunications Control System - Advanced Communications Function (TCS-ACF), Base Program with Networking Feature.

The model MCP is intended to facilitate adaptation of TCS-ACF to the user's specific requirements and resources by serving as an example for study and as a model containing tested and readily adaptable code. The model MCP may actually be run if the network definition corresponds (or is changed to correspond) to the user's resources.

Although efforts are made to keep all TCS-ACF manuals current, the user should refer to the actual assembler listing of the model MCP, as received with TCS-ACF, when using it to plan, or to aid in making modifications to his MCP.

Manual, 268 pages, 2/79
 ////5740-XY3

GH20-2192

TCS-ACF BASE CON & FACIL

No abstract available.
 Manual, 32 pages

////5740-XY3

GH20-2195

DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS), LIC PROG 5746-XC4
(DOS), 5740-XC5 (OS), GENERAL INFORMATION

Development Management System/CICS/VS (DMS/CICS/VS) is a set of programs designed to simplify the implementation of online data processing operations using the 3270 Information Display System. The display management, file management, and message handling capabilities offered by DMS/CICS/VS make it possible to implement many new or existing applications in an online environment with little or no user programming. Preprogrammed facilities are provided to perform display operations such as paging and panel selection; data base and file operations such as data entry, inquiry, record update, and search; and message routing between display stations. Application specification is simplified by the application generation facility. The user describes data files, display station images (panels), and application processing either interactively from a display station or through the use of DMS/CICS/VS forms.

Calculation/edit statements may be used to perform arithmetic operations, editing of data fields for validity and movement of data between fields. The DMS/CICS/VS processing flow may be altered through the use of these calculation/edit statements. The number of user exit routines previously needed to perform these functions should be significantly reduced.

DMS/CICS/VS operates under control of the IBM Customer Information Control System/VS (CICS/VS). This manual provides an overview of the DMS/CICS/VS functions. Statements of customer responsibilities, programming system requirements, and system configuration are included.

The DMS/CICS/VS online functions and offline maintenance facilities are distributed as part of the DMS/CICS/VS base program products (5740-XC5 and 5746-XC4). The batch and interactive application definition facilities and the batch application generation facility are distributed as the DMS/CICS/VS Application Generation feature.

Manual, 92 pages, 2/79
 ////5740-XC5,5746-XC4

GH20-2197

VM/CMS 3270 DISPLAY SUPPORT STRUCTURED FACILITY
(SPF/CMS), LIC PROG 5748-XT3, GENERAL INFORMATION

This document contains a description of the Structured

Programming Facility for VM/CMS. SPF/CMS is functionally equivalent to the SPF/TSO program product, 5740-XT8, Version 2.2. The two products are fully compatible in display formats and operation, except for those features that are explicitly oriented to the VS2/TSO or VM/CMS environment (see Appendix B).
Manual, 60 pages, 2/78
/////5748-XT3

SH20-2198

TELECOMMUNICATIONS CONTROL SYSTEM ADVANCED COMMUNICATION FUNCTION (TCS-ACP) BASE PROGRAM, LIC PROG 5740-XY3
MODEL MESSAGE CONTROL PROGRAM (MODEL MCP)

This manual contains an assembler listing and a narrative discussion of the Model Message Control Program (Model MCP) that is supplied with Telecommunications Control System, Advanced Communications Functions (TCS-ACP), Base Program.

The model MCP is intended to facilitate adaptation of TCS-ACP to the user's specific requirements and resources by serving as an example for study and as a model containing tested and readily adaptable code. The model MCP may actually be run if the network definition corresponds (or is changed to correspond) to the user's resources.

Although efforts are made to keep all TCS-ACP manuals current, the user should refer to the actual assembler listing of the model MCP, as received with TCS-ACP, when using it to plan or to aid in making modifications in this MCP.

Manual, 112 pages, 2/79
/////5740-XY3

GH20-2199

DOS/VSE RJE WORKSTATION RELEASE 1, LIC PROG 5746-RC9
GENERAL INFORMATION

This publication, a general description of the DOS/VSE Remote Job Entry (RJE) Workstation Program, is intended primarily as an aid in evaluating the program and may also serve as a guide in planning the implementation of a DOS/VSE workstation.

After listing the program's advantages, the manual presents an overview of the program, then discusses its structure and functions, the operation of the workstation, and finally the generation and installation of the program.
Manual, 36 pages, 3/79
/////5746-RC9

GH20-2204

JES1 NETWORKING PRPQ P09022 GENERAL INFORMATION

This publication describes the concepts, advantages, and requirements for using the JES1/Networking PRPQ. This information is intended for data processing managers and system programmers who are responsible for assessing the potential for improved resource utilization through job networking.

Flyer, 16 pgs, 2/79
/////5799-AZT

SH20-2205

DOS/VSE REMOTE JOB ENTRY WORKSTATION PROGRAM, LIC PROG 5749-RC9, PROGRAM REFERENCE

This publication defines and describes the facilities provided by the DOS/VSE Remote Job Entry Workstation Program and contains the information necessary to plan for utilization and installation. It is intended for use by the system programmer responsible for installing and maintaining the system. Additional information on the operation and use of DOS/VSE Remote Job Entry Workstation Program is directed to computer data center personnel responsible for operation planning.

The manual describes the program, explains the internal structure in terms of functions provided, and discusses the operating procedures. It also describes the device support, storage and programming system requirements, and performance considerations.

Manual, 112 pages, 3/79
/////5746-RC9

SH20-2206

DOS/VSE REMOTE JOB ENTRY WORKSTATION PROGRAM, LIC PROG 5746-RC9, OPERATIONS GUIDE

This publication describes the operation and installation of the DOS/VSE Remote Job Entry Workstation Program. It is intended for use by the system programmer responsible for installing and maintaining the system and by the operator at the workstation computer.

The manual explains the use of commands to control processing and lists the messages produced by the program. It also defines the generation parameters and describes how to install and generate the program.

Manual, 112 pages, 3/79
/////5746-RC9

SH20-2207

DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS), LIC PROG 5746-XC4 (DOS/VS), 5740-XC5 (OS/VS), APPLICATION DESIGN GUIDE

Development Management System/CICS/VS (DMS/CICS/VS) is a set of programs designed to simplify the implementation of online data processing operations using the 3270 Information Display System. The display management, file management,

and message handling capabilities offered by DMS/CICS/VS make it possible to implement many new or existing applications in an online environment with little or no user programming. Preprogrammed facilities are provided to perform display operations such as paging and panel selection; data base and file operations such as data entry, inquiry, record update, and search; and message routing between display stations. These preprogrammed facilities will tend to simplify the design process and can lead to adoption of a standardized application design.

This manual presents a number of topics and coding examples which will help in the design and implementation of many DMS/CICS/VS applications.

Manual, 164 pages, 4/79
/////5740-XC5

SH20-2209

DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS), LIC PROG 5740-XC5 (OS/VS), 5746-XC4 (DOS/VS), PROGRAM REFERENCE

Development Management System/CICS/VS (DMS/CICS/VS) is an application management offering which simplifies implementing online information systems using the 3270 Information Display System.

The DMS/CICS/VS DL/I data base and file management, display management, and message handling capabilities make it possible to implement many new or existing applications in the online environment with reduced programming. Preprogrammed facilities are provided to perform display operations such as paging and panel selection, data base and file operations (data entry, inquiry, record update, and search), and message routing between display stations.

Application specification is simplified through the use of DMS/CICS/VS forms on which the user describes data files, Display Station images (panels), and the batch utility operations required by the application. The Customer Information Control System Version 1.4 (DICS/VS) is a prerequisite to DMS/CICS/VS. Application security through use of CICS/VS and DMS/CICS/VS signon procedures can be used to control operator access to predetermined applications.

The purpose of this manual is to provide sufficient information to enable the user to understand the functions of the system, the programs constituting the system, and the effort required for successful installation. The manual contains a system-oriented description of DMS/CICS/VS provides guidance in installing the system, and describes the input and results.

Statements of customer responsibilities, programming system requirements, and system configuration are included.
Manual, 364 pages, 4/79
/////5740-XC5,5746-XC4

SH20-2211

DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS), LIC PROG 5740-XC5 (OS/VS), 5746-XC4 (DOS/VS), OPERATIONS GUIDE

This manual contains information to enable the user to generate and incorporate the Development Management System/CICS/VS into a system for subsequent execution under control of the IBM Customer Information Control System (CICS). Information is included for system maintenance and terminal operation. All offline and online messages are described. The intended audience is the programming and operations staff.

Manual, 148 pages, 4/79
/////5740-XC5,5746-XC4

GH20-4106

INFORMATION MANAGEMENT SYSTEM/360 (IMS/360) VERSION 2 SPECIFICATIONS - PROGRAM PRODUCT 5734-XX6

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product. Specification sheet, 6 pages
/////5734-XX6

GH20-4139

STAT/BASIC, PROG. PROD. 5734-XA3 SPECIFICATIONS

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product. Specification sheet, 2 pages
/////5734-XA3

GH20-4308

MATH/BASIC FOR SYSTEM/3 MODEL 6, ITP (OS, DCE, TSO), AND VM/370-CMS: SPECIFICATIONS, PRG. NOS. 5703-XM2 AND 5734-XM8

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product. Specification sheet, 2 pages
/////5703-XM2,5734-XM8

GH20-4326

BUSINESS ANALYSIS/BASIC FOR SYSTEM/3 MODEL 6, ITP (OS, DCS, TSO), AND VM/370-CMS: SPECIFICATIONS, PRG. NOS. 5703-XM3 AND 5734-XM8

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product. Specification sheet, 2 pages
/////5703-XM3,5734-XM8

- GH20-4347
APL SHARED VARIABLES (APLSV) - PROGRAM NO. 5799-AJF
(PRPG NUMBER WE1191) - SPECIFICATIONS SHEET
 The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product. Specification Sheet, 8 pages
 /////5799-AJF
- GH20-4374
DOS/VIS REMOTE JOB ENTRY WORKSTATION PROGRAM (PROGRAMMING REQ WF0358) - PROGRAM NUMBER 5799-WBX, SPECIFICATIONS
 This Program Product Specifications (PPS) describes the warranted specifications of the subject Program Product. Specification sheet, 4 pages
 /////5799-WBX
- GH20-4376
3333/3330 DISK STORAGE SERIES MODEL 11 SUPPORT FOR DOS/VS PROGRAM NUMBER 5799-WBZ PRPG EP4346
 This Program Product Specifications (PPS) describes the warranted specifications of the subject Program Product. Flyer, 1 page
 /////5799-WBZ
- GH20-4380
SYSTEM/370 DATA LANGUAGE/1 ENTRY DOS/VS PROG PROD 5746-XX7, SPECIFICATIONS
 No abstract available
 Flyer, 2 pages
 /////5746-XX7
- GH20-4391
TCAM - IMS INTERFACE SPECIFICATIONS - PROG. NO. 5740-XXC
 This Program Product Specifications (PPS) describes the warranted specifications of the subject Program Product. Specification Sheet, 4 pages
 /////5740-XXC
- GH20-4395
TELECOMMUNICATIONS CONTROL SYSTEM ADVANCED FUNCTION (TCS-AP) - PROG PROD 5740-XXD, SPECIFICATIONS
 This Program Product Specifications (PPS) describes the warranted specifications of the subject Program Product. Specification Sheet, 6 pages
 /////5740-XXD
- GH20-4469
S/370 VS TSIO, LIC PROG 5740-XR9, DESIGN OBJECTIVES
 This Program Product Design Objectives (PPDO) describes the design objectives and provides the estimated availability date of the subject Program Product. Flyer, 2 pages, 11/76
 /////5740-XR9
- GH20-4470
VS APL RELEASE 2, PROG PROD 5748-AP1 DESIGN OBJECTIVES
 This Program Product Design Objectives (PPDO) describes the design objectives and provides the estimated availability date of the subject Program Product. Flyer, 4 pages, 11/76
 /////5748-AP1
- GH20-4488
OFFLINE IBM 3800 UTILITY DESIGN OBJECTIVES, PROD PROG 5748-UT2
 The Licensed Program Design Objectives (LPDO) describes the design objectives and provides the estimated availability date for the subject program. Flyer, 8 1/2 x 11 inches, 2 pgs, 6/77
 /////5748-UT2
- GH20-4492
HIERARCHICAL STORAGE MANAGER - LIC PROG 5740-XRB, DESIGN OBJECTIVES
 The Licensed Program Design Objectives (LPDO) describes the design objectives and provides the estimated availability date for the subject program.
 The Hierarchical Storage Manager (HSM) can aid installation management and end users by providing new functions to help manage data in a storage hierarchy composed of DASD and the 3850 Mass Storage System (MSS). Data movement within the hierarchy is initiated automatically by HSM based upon installation-specified utilization parameters and/or data set reference. It can also be initiated manually by operator or TSO user commands. HSM executes as a started task under OS/VS2 (MVS) Release 3.7.
 FLYER, 8 1/2 x 11 inches, 2 pages, 8/77
 /////5740-XRB
- GH20-4493
HASP/MVT/3800, PRPG MJ0792, LIC PROG 5799-ATQ, DESIGN OBJ
 This document describes HASP/MVT/3800 which provides additional functions and support for the IBM 3800 Printing Subsystem for OS/MVT Release 21.8 users. The IBM 3800 support uses the HASP output writer.
 HASP/MVT/3800 operates on IBM System/370 Models 145 and
- up. The IEM 3800 Printing Subsystem may be used with the optional Burster-Trimmer-Stacker feature.
 FLYER, 8 1/2 x 11 inches, 2 pages, 9/77
 /////5799-ATQ
- GH20-4497
CUSTOMER INFORMATION CONTROL/OPERATING SYSTEM/VIRTUAL STORAGE (CICS/OS/VS), LIC PROG 5740-XX1, DESIGN OBJECTIVES
 These design objectives define the contents of the subject Licensed Program. The audience for this publication is primarily prospects and secondarily IBM personnel. Flyer, 6 pages, 4/78
 /////5740-XX1
- GH20-4509
DB/DC DRIVER SYSTEM PROG PROD 5740-XXT SPECIFICATIONS
 Describes the warranted specifications of the program. Specification Sheet, 6 pages, 7/76
 /////5740-XXT
- GH20-4510
DB/DC DATA DICTIONARY, PRPG PROD 5740-XXF (CS/VS), 5746-XXC (DOS/VS), SPECIFICATIONS
 Describes the warranted specifications of the program. Specification sheet, 4 pgs, 9/76
 /////5740-XXF, 5746-XXC
- GH20-4516
DISPLAY MANAGEMENT SYSTEM/VS VERSION 1 SPECIFICATIONS, DMS/DOS/VS PRPG PROD 5746-XC2, IMS/OS/VS PRPG PRCD 5740-XC2
 Describes the warranted specifications of the program. Specification sheet, 4 pages, 11/76
 /////5740-XC2, 5746-XC2
- GH20-4521
TSO 3270 DISPLAY SUPPORT AND STRUCTURED PROGRAMMING FACILITY (SPF) VERSION 2 SPECIFICATIONS, LIC PROG 5740-XT8
 Describes the warranted specifications of the program. Flyer, 8 1/2 x 11 inches, 6 pages, 4/77
 /////5740-XT8
- GH20-4524
VM/370 NETWORKING PRPG P09007 PROG 5799-ATA, SPECIFICATIONS
 Describes the warranted specifications of the program. Specification sheet, 8 1/2 x 11 inches, 4 pgs, 4/77
 /////5799-ATA
- GH20-4525
ASP NETWORKING PRPG P09008 PROG 5799-ATB, SPECIFICATIONS
 Describes the warranted specifications of the program. Specification sheet, 8 1/2 x 11 inches, 2 pgs, 4/77
 /////5799-ATB
- GH20-4526
HASP NETWORKING PRPG P09009 PROG 5799-ATC, SPECIFICATIONS
 Describes the warranted specifications of the program. Specification sheet, 8 1/2 x 11 inches, 4 pgs, 4/77
 /////5799-ATC
- GH20-4528
EXTENDED TELECOMMUNICATIONS MODULES (EXTM) V3 REL 1, MCD LEVEL 0, LIC PROG 5746-XXE, SPECIFICATIONS
 Describes the warranted specifications of the program. Flyer, 8 1/2 x 11 inches, 4 pages, 4/77
 /////5746-XXE
- GH20-4532
IBM S/3 DCS RPG II CONVERSION PROCESSOR, PROG PROD 5735-CV1, SPECIFICATIONS
 Describes the warranted specifications of the program. Flyer, 8 1/2 x 11 inches, 2 pgs, 7/77
 /////5735-CV1
- GH20-4536
IBM DOS/VS RPG II, PROG PROD 5735-CV1, SPECIFICATIONS
 Describes the warranted specifications of the program. Flyer, 8 1/2 x 11 inches, 2 pgs, 7/77
 /////5746-RG1
- GH20-4538
GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) - RELEASE 1.1, LIC PROG 5740-XX7, SPECIFICATIONS
 Describes the warranted specifications of the program.
 The Generalized Information System/Virtual Storage, Version 1, Release 1, Modification Level 1 (GIS/VS R1.1), provides additional functions and enhancements over GIS/VS 1.0, while remaining compatible with and retaining the functional capabilities of GIS/VS 1.0.
 GIS/VS is designed to support a wide variety of information processing activities by providing the facilities for defining, maintaining, and processing OS/VS and DL/I data files required in many application areas. GIS/VS is designed to provide broad, general purpose, processing capabilities by generating tailored processing

modules on the basis of system-resident data file descriptions together with user-entered, high-level, procedural language statements. The generated modules are then executed to provide the requested file processing actions.

FLYER, 8 1/2 x 11 inches, 4 pages, 9/77
 ////5740-XX7

GH20-4540

DBDA SPECIFICATIONS
 No abstract available.
 Specifications, 8 1/2 x 11 inches, 2 pgs, 12/77
 ////5740-XY8,5746-XXQ

GH20-4542

3270 CONSOLE INTERFACE FOR VM/370, LIC PROG 5799-AWP, SPECIFICATIONS
 No abstract available.
 Flyer, 8 1/2 x 11 inches, 2 pgs, 10/77
 ////5799-AWP

GH20-4543

TCS-ACF, LIC PROG 5740-XY3, SPECIFICATIONS
 No abstract available.
 Flyer, 8 1/2 x 11 inches, 4 pgs, 1/78
 ////5740-XY3

GH20-4545

HIERARCHICAL STORAGE MANAGER, LIC PROG 5740-XRB, SPECIFICATIONS
 These specifications define the contents of the subject Licensed Program. The audience for this publication is primarily licensees and prospects, and secondarily, IBM personnel.
 Flyer, 2 pgs, 3/78
 ////5740-XRB

GH20-4546

SEQUENTIAL ACCESS METHOD-EXTENDED (SAM-E) OS/VS2 MVS, LIC PROG 5740-AM3, SPECIFICATIONS
 These specifications define the contents of the subject licensed program. The audience for this publication is primarily licensees and prospects, and secondarily, IBM personnel.
 Flyer, 1 page, 5/78
 ////5740-AM3

GH20-4548

CICS/DOS/VS, LIC PROG 5746-XX3, SPECIFICATIONS
 These specifications define the contents of the subject licensed program. The audience for this publication is primarily licensees and prospects, and secondarily, IBM personnel.
 Flyer, 6 pages, 8/78
 ////5746-XX3

GH20-4551

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF) BASE PROGRAM SPECIFICATIONS
 These specifications define the contents of the subject licensed program. The audience for this publication is primarily licensees and prospects, and secondarily, IBM personnel.
 Flyer, 2 pages, 8/78
 ////5740-XY3

GH20-4555

DL/I DOS VERSION 1 RELEASE 4.0, LIC PROG 5746-XX1 SPECIFICATIONS
 These specifications define the contents of the subject Licensed Program. The audience for this publication is primarily licensees and prospects, and secondarily, IBM personnel.
 Flyer, 4 pages, 11/78
 ////5746-XX1

GH20-4556

DISTRIBUTED MANAGEMENT SYSTEM/3770 RELEASE 2.0, LIC PROG 5748-XX3, SPECIFICATIONS
 These specifications define the contents of the subject licensed program. The audience for this publication is primarily licensees and prospects, and secondarily, IBM personnel.
 Flyer, 4 pages, 12/78
 ////5748-XX3

GH20-4557

DOS/VSE RJE WORKSTATION R.1.0 LIC PROG 5746-RC9 SPECIFICATIONS
 These specifications define the contents of the subject Licensed Program. The audience for this publication is primarily licensees and prospects, and secondarily, IBM personnel.
 Flyer, 2 pgs, 2/79
 ////5746-RC9

GH20-4558

IMS/VS AUTOMATED OPERATOR FACILITY (AOF) LIC PROG 5740-XYD, SPECIFICATIONS
 The IMS/VS Automated Operator Facility is a transaction-driven data base/data communication program that runs as an application under IMS/VS Version 1, Release 1, Modification Level 5, using the automated operator function.
 This document describes the elements that make up ACF functions.
 Flyer, 2 pages, 3/79
 ////5740-XYD

GH20-4578

DATA BASE/DATA COMMUNICATION DATA DICTIONARY, LIC PROG 5740-XXF (CS/VS, 5746-XXC DOS/VS), DESIGN OBJECTIVES
 These design objectives define the contents of the subject Licensed Program. The audience for this publication is primarily prospects and secondarily IBM personnel.
 Flyer, 4 pages, 12/78
 ////5740-XXF,5746-XXC,5746-XX6

GH20-4580

INTERACTIVE PRODUCTIVITY FACILITY LIC PROG 5748-M51, DESIGN OBJECTIVE
 These design objectives define the contents of the subject licensed Program. The audience for this publication is primarily prospects and secondarily IBM personnel.
 Flyer, 4 pages, 1/79
 ////5748-M51

GH20-4582

DOS/VS RPG II REL 2.0, LIC PROG 5746-RG1, DESIGN OBJECTIVES
 These design objectives define the contents of the subject licensed program. The audience for this publication is primarily prospects and secondarily IBM personnel.
 Flyer, 2 pages, 4/78
 ////5746-RG1

GH20-4590

INFORMATION MANAGEMENT SYSTEM (IMS/VS), LIC PROG 5740-XX2, DESIGN OBJECTIVES
 These design objectives define the contents of the subject licensed program. The audience for this publication is primarily prospects and secondarily IBM personnel.
 Flyer, 22 pages, 6/78
 ////5740-XX2

GH20-4593

DISPLAY MANAGEMENT SYSTEM/3770 (DMS/3770) RELEASE 2, PROG PROD 5748-XX3, DESIGN OBJECTIVE
 These design objectives define the contents of the subject licensed program. The audience for this publication is primarily prospects and secondarily IBM personnel.
 Flyer, 1 page, 6/78
 ////5748-XX3

GH20-4609

VANCOUVER DATA LANGUAGE-CNE (VANDL-1) PRG 5799-AEY, FUNCTIONAL DESCRIPTION
 This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C. Functional description sheet, 4 pages, 6/76
 ////5799-AEY

GH20-4623

FASTER LANGUAGE FACILITY FOR CICS/DOS/VS PROGRAM NUMBER 5746-XX3 AND FOR CICS/DOS/VS PROGRAM NUMBER 5740-XX1, FUNCTIONAL DESCRIPTION
 This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C. Program product functional description, 2 pgs, 2/77
 ////

GH20-4626

INTERACTIVE QUERY FACILITY FEATURE FOR IMS (5734-XX6) AND IMS/VS (5740-XX2), FUNCTIONAL DESCRIPTION
 This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C.
 Flyer, 8 1/2 x 11 inches, 2 pgs., 6/77
 ////5740-XX2,5734-XX6

GH20-4627

CUSTOMER INFORMATION CONTROL SYSTEM/DOS-ENTRY (CICS/DOS-ENTRY), PROG PROD 5736-XX6, FUNCTIONAL DESCRIPTION
 This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C.
 Flyer, 8 1/2 x 11 inches, 4 pages, 11/77
 ////5736-XX6

GH20-4628

CUSTOMER INFORMATION CONTROL SYSTEM/DOS-STANDARD (CICS/DOS-STANDARD), PROG PROD 5736-XX7, FUNCTIONAL DESCRIPTION
 This Program Product Functional Description (PPFD) describes

the functional capabilities of the subject Program Product, which has a Programming Service Classification of C. Flyer, 8 1/2 x 11 inches, 6 pages, 11/77
 ////5736-XX7

GH20-4629

CUSTOMER INFORMATION CONTROL SYSTEM/OS - STANDARD V2 (CICS/OS - STANDARD V2), PROG PROD 5734-XX7, FUNCTIONAL DESCRIPTION
 This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C. Flyer, 8 1/2 x 11 inches, 6 pgs, 11/77
 ////5734-XX7

GH20-4645

VSE/3270 BISYNC PASS THROUGH LIC PROG 5746-AM5 DESIGN OBJECTIVES
 These design objectives define the contents of the subject Licensed Program. The audience for this publication is primarily prospects and secondarily IBM personnel. Flyer, 2 pages, 2/79
 ////5746-AM5

GH20-4646

VM/CMS 3270 DISPLAY SUPPORT AND STRUCTURED PROGRAMMING FACILITY, LIC PROG 5748-XT3, DESIGN OBJECTIVES
 These design objectives define the contents of the subject Licensed Program. The audience for this publication is primarily prospects and secondarily IBM personnel. Flyer, 4 pages, 2/79
 ////5748-XT3

GH20-4648

JES3 NETWORKING, LIC PROGRAM 5799-AZT, DESIGN OBJECTIVES
 JES3 provides for the communication of jobs for execution and print and punch formatted data streams to other JES3, JES2/WE systems, and HASP, VM/370, and ASP systems when running with their respective network job interface support. This document describes JES3 transmission, compatible products, store and forward facility, and routing, which is provided by means of destination tables that are established at system initialization. Flyer, 2 pages, 3/79
 ////5799-AZT

GH20-4649

SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM (SDF/CICS)
 This licensed program is an online application development tool for the COCS/VS application programmer who wants to define or edit maps and map sets for the CICS/VS basic mapping support. This document provides details about the functions and describes the advantages of using this program. Flyer, 3 pages, 5/9
 ////5740-XYF, 5746-XXT

SH20-9025

IMS/VS VERSION 1 SYSTEM/APPLICATION DESIGN GUIDE
 PROG PROD 5740-XX2
 Provides information required by data base administrators, application planners, and systems programmers in designing Information Management System/Virtual Storage (IMS/VS) Data Base and Data Base/Data Communication Systems. Included are descriptions of data base and data communication concepts and the facilities available in designing an IMS/VS system. Also included are chapters on design considerations for the Multiple Systems and Fast Path features. Manual, 8 1/2 x 11 inches, 376 pgs, 7/77
 ////5740-XX2

SH20-9026

IMS/VS VERSION 1 APPLICATION PROGRAMMING REFERENCE MANUAL
 PROG PROD 5740-XX2
 Information Management System/Virtual Storage (IMS/VS) is a processing program (control system) designed to facilitate the implementation of medium to large common data bases in a multiapplication environment. This environment is created to accommodate both online message processing and conventional batch processing, either separately or concurrently. The system permits the evolutionary expansion of data processing applications from a batch-only to a teleprocessing environment. This manual is a guide for the application analyst and programmer. Its contents will assist them in the design of an IMS/VS system as well as in the design and coding of the application systems which will run under IMS/VS. IMS Applications Programming Testing Aids are also described. Manual, 304 pgs, 7/77
 ////5740-XX2

SH20-9027

INFORMATION MANAGEMENT SYSTEM/VIRTUAL STORAGE (IMS/VS) SYSTEM PROGRAMMING REFERENCE - PROG, NO. 5740-XX2
 This publication provides system programmers with information necessary to install, tune, and maintain an IMS/VS system to be run under either OS/VS1 or OS/VS2. It describes data base and data communications functions,

System/3 and System/7 support, user exits, ICF implementation, and IMS/VS storage estimates. It includes information concerning the Multiple System and Fast Path features. Manual, 8 1/2 x 11 inches, 360 pgs, 7/77
 ////5740-XX2

SH20-9028

IMS/VS V1 OPERATOR'S REFERENCE MANUAL, PROG FROD 5740-XX2
 Provides the information required to control the online execution of IMS/VS and to establish procedures for the operator of the IMS/VS master terminal and operators of remote terminals attached to IMS/VS. The intended audience is IMS/VS machine operations personnel responsible for an IMS/VS installation's operating procedures. This publication provides: an overview of the relationship between IMS/VS and OS/VS; a general description of IMS/VS system and terminal functions and how they are used; a description of each terminal supported by IMS/VS; a description of the function and use of each IMS/VS terminal command, including examples; suggested procedures for the online execution of IMS/VS. Manual, 8 1/2 x 11 inches, 296 pgs, 7/77
 ////5740-XX2

SH20-9029

IMS/VS VERSION 1 UTILITIES REFERENCE MANUAL
 PROG PROD 5740-XX2
 This publication is designed for programmers, system analysts and computer operators and describes how to execute the Information Management System/Virtual Storage (IMS/VS) utility programs under the operating system. Individual Chapters provide information on (1) Data Base Description Generation and the control statements used as input to DBDGEN; (2) Programs Specification Block Generation and the control statements used as input to PSBGEN; (3) Application Control Block Maintenance Utility in creating and maintaining a consolidated library of data base and program descriptions used by the DE/DC System; (4) Data Base Reorganization/Load Processing utilities in reorganizing a data base; (5) Data Base Recovery System utilities in reconstructing a data base; (6) Utility Control Facility and how it implements the functions of the recovery and reorganization utilities; (7) Log Maintenance Utilities and how to produce a new system log from one containing read errors and how to recover log data; (8) Log Data Formatting utilities that perform analysis on and print reports from the system log tape; (9) Performance Reporting utilities for organizing, formatting, and printing performance-related reports; (10) System Service utilities, which include the SPOOL SYSOUT Print and Multiple Systems Verification utilities; (11) Fast Path MSOB offline utilities, which initialize, load, maintain, and reconstruct MSDBE; (12) Fast Path DEDB utilities for initializing, maintaining, and reorganizing DEDBs. The reader should be familiar with the concepts and terminology described in IMS/VS General Information (GH20-1260), System/Application Design Guide (SH30-9025), and Application Programming Reference Manual (SH20-9026). Manual, 8 1/2 x 11 inches, 518 pgs, 7/77
 ////5740-XX2

SH20-9030

IMS/VS VERSION 1 MESSAGES AND CODES REFERENCE MANUAL
 PROG PROD 5740-XX2
 This publication listsabend codes, status codes, and messages produced by the IBM-supplied components of the IMS/VS system. In addition to the explanation that accompanies each code and message, the action (if any) required of the user is provided. The publication is designed to advise programmers, operators, and system support personnel of the status of their programs and the action required to correct a problem. Manual, 8 1/2 x 11 inches, 324 pgs, 7/77
 ////5740-XX2

GH20-9033

GENERALIZED INFORMATION SYSTEM, VERSION 2 (GIS/2) EXECUTIVE QUERY REFERENCE (BASIC INTRODUCTION), PROG. NO. 5734-XX1
 This manual is designed to give a sampling of GIS/2 capabilities and to provide a reference for non-data processing users of GIS/2. It is a basic introduction to GIS/2 which may be examined by those who are interested in a system designed to make information readily available to decision makers. Manual
 ////5734-XX1

GH20-9035

GENERALIZED INFORMATION SYSTEM VIRTUAL STORAGE (GIS/VS) GENERAL INFORMATION MANUAL - PROGRAM NUMBER 5740-XX7
 This manual surveys the operational concepts and system capabilities of the Generalized Information System/Virtual Storage. The manual introduces the language of GIS/VS and describes the file organization and processing actions supported by GIS/VS. The Generalized Information System operates on System/370 Virtual Storage Systems and supports a wide variety of applications by providing information handling capabilities against many typical data base organizations. GIS/VS provides facilities for defining, maintaining, and retrieving data from user files under direction of the using

installation and its personnel.
Manual, 76 pages
/////5740-XX7

SB20-9036

GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) USER'S GUIDE, PROG. PROD. 5740-XX7
The User's Guide contains information to introduce the program to both the technically oriented user and the nontechnical end user and includes instructions for the guidance of both in the use of the Program Product GIS/VS.
Manual, 84 pages
/////5740-XX7

SH20-9037

GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) SYSTEM PROGRAMMER'S REFERENCE MANUAL, 5740-XX7
Designed for system programmers and data base administrators with responsibility for system and data base planning, design, installation, and details of system operation. Security is discussed in detail, data description for all file types is included, as well as recovery and reorganization techniques, SAM/ISAM to VSAM conversion, and diagnostic aids and techniques to assist in quick diagnosis of problem situations.
Manual
/////5740-XX7

SH20-9038

GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) LANGUAGE REFERENCE MANUAL - 5740-XX7
The LRM is a reference manual for users. Procedural language utilities, task input parameters, and terminal command language are described. Language syntax and conventions are detailed, and examples are included to illustrate the proper use of the various language functions. Major functions, such as QUERY, UPDATE/CREATE, MODIFY, DL/I, and IMS/VS terminal entry are discussed.
Manual
/////5740-XX7

SH20-9039

GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) MESSAGES AND CODES, PROG. PROD. 5740-XX7
This publication lists completion codes, status codes, and messages produced by the IBM supplied components of the GIS/VS system. In addition to the explanation that accompanies each code and message, the action (if any) required of the user is provided unless this information is implicit in the explanation. The publication is thus designed to advise programmers and system analysts of the status of their programs and to alert them of the action required to correct a problem.
The information in this manual corresponds to parts of the GIS/2 Operations Manual.
Manual, 130 pages
/////5740-XX7

SH20-9040

GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) PLANNING AND OPERATION GUIDE FOR THE ADVANCED QUERY FEATURE, PROG. PROD. 5740-XX7
This document describes the characteristics of the Advanced Query Feature of GIS/VS. This feature provides the means by which a person can employ GIS/VS in conjunction with Information Management System/VS (IMS/VS). The user of this feature must have installed either the Data Base System of IMS or the combined Data Base/Data Communication System of IMS. The discussion is at a level sufficient for planning the installation of the feature. The two major sections deal with the AQP Data Base Support and the AQP Terminal Support.
The terminal interface is discussed in detail while the command language is only briefly described.
Manual, 80 pages
/////5740-XX7

SH20-9043

GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) EXECUTIVE QUERY REFERENCE MANUAL, PROG. NO. 5740-XX7
This manual is designed to give a sampling of GIS/VS capabilities and to provide a reference for non-data processing users of GIS/VS. It is a basic introduction to GIS/VS which may be examined by those who are interested in a system designed to make information readily available to decision makers.
Manual, 96 pages
/////5740-XX7

SB20-9046

IBM SYSTEM/370 LOW-LEVEL CODE/CONTINUITY CHECK IN DATA LANGUAGE/I DOS/VS PROGRAM REFERENCE AND OPERATIONS MANUAL, PROGRAM NUMBER 5746-XX1
This manual is intended for application programmers who want to use the services of Low-Level Code/Continuity Check in Data Language/I DOS/VS (LLC/CC in DL/I DOS/VS). It describes the functions and the operation of the system, and contains all the information required to generate and execute LLC/CC in DL/I DOS/VS.
Low-Level codes are used primarily in the manufacturing

industry to indicate the lowest level at which at particular part number is found in all product structure trees. The product structures must not contain any loops. Therefore, a continuity check is applied to ensure proper assembly-to-subassembly continuity.

The reader is assumed to have a working knowledge of the functions and the facilities of Data Language/I Cisk Operating System/Virtual Storage (DL/I DCS/VS). He should be familiar with the contents of the following publications:

- o DL/I DOS/VS Application Programming Reference Manual, SB12-5411
- o DL/I DOS/VS Operator's Reference Manual and Messages and Codes SB12-5414
- o DL/I DOS/VS Utilities and Guide for the System Programmers, SB12-5412

Manual, 52 pages
/////5746-XX1

SH20-9047

INFORMATION MANAGEMENT SYSTEM/VIRTUAL STORAGE (IMS/VS), LOW-LEVEL CODE/CONTINUITY CHECK IN DATA LANGUAGE/I, REFERENCE AND OPERATIONS - PROG. PROD. 5740-XX2
LLC/CC in DL/I of IMS/VS provides a callable subroutine to assign low-level codes to parts recorded in a parts data base as used in manufacturing industry.
Low-level codes indicate the lowest level at which a part number is found in all product structure trees. To prevent loops in product structures, a continuity check is applied to ensure proper assembly-to-subassembly continuity. This manual is intended for application programmers. It describes the functions and the operation of the system, and contains all information to generate and execute the program.
The reader is assumed to have a working knowledge of the functions and facilities of IMS/VS. He should be familiar with the contents of the following publications: IMS/VS System/Application Design Guide, SB20-9025, IMS/VS Application Programming Reference Manual, SB20-9026, IMS/VS System Programming Reference Manual, SB20-9027, IMS/VS Utilities Reference Manual, SB20-9029, IMS/VS Messages and Codes Reference Manual, SB20-9030.
Manual, 60 pages
/////5740-XX2

SH20-9053

IMS/VS VERSION 1 MESSAGE FORMAT SERVICE USER'S GUIDE, PROG PROD 5740-XX2
The purpose of this manual is to describe the IMS/VS Message Format Service (MFS). This manual contains information for designers of MFS, and for the person(s) responsible for the administration of all MFS application systems used by the IMS/VS installation. Contents include a description of all MFS functions, information on application design and programming, and descriptions and examples of the MFS language and service utility programs. MFS supports the IEM 2740/2741 Data Communication Terminals, the IBM 3270 Information Display System, the IBM 3600 Finance Communication System, and the IBM 3790 Communication System. Prerequisite publication for all readers are: IMS/VS General Information Manual, SH20-1260 (which includes a guide to other IMS/VS publications); IMS/VS System/Application Design Guide, SB20-9025 (information on the IMS/VS Data Communication feature); IMS/VS Operator's Reference Manual, SB20-9028 (information on operation of devices supported by MFS); Systems Summary and/or component descriptions for devices used that are supported by MFS.
For MFS application programmers: IMS/VS Application Programming Reference Manual, SB20-9026 (information on application programming using the IMS/VS Data Communication feature).
Manual, 8 1/2 x 11 inches, 440 pgs, 4/77
/////5740-XX2

SH20-9054

IMS/VS VERSION 1 ADVANCED FUNCTION FOR COMMUNICATIONS, PROG PROD 5740-XX2
This manual provides planning and reference information. It is intended to guide the application programmer of advanced communicating with IMS/VS via a network that includes VTAM and NCP. Detailed network communications procedures are included that could be useful to systems analysts, system programmers, host application programmers, etc., who are working with an IMS/VS - Advanced Function Communications System.
Only those areas of IMS/VS that are directly affected are addressed. Refer to other IMS/VS manuals for additional IMS/VS information. A knowledge of IMS/VS, particularly the data communication feature, is required to understand this manual. Readers should be familiar with the system network architecture (SNA) and VTAM concepts and facilities program *and a VTAM logical unit.
Prerequisite publications: Advanced Function for Communications System Summary, GA27-3099; IMS/VS General Information Manual, SB20-1260; IMS/VS Installation Guide, SB20-9081; VTAM Concepts and Planning, GC27-6998; Systems Network Architecture General Information Manual, GA27-3102.
3600 SYSTEMS: IEM 3600 Finance Communication System; System Summary, GC27-0001; Programming Installation Guide for the IBM 3600 Finance Communication System, GC27-0009.
3790 SYSTEMS: An Introduction to the IEM 3790 Communication System, GA27-2767; IBM 3790 Communication System; Programming Statements guide GC27-0015; IBM 3790 Communication System Programming Statements Reference, GC27-0016.

Manual, 8 1/2 x 11 inches, 220 pgs, 7/77
 ////5740-XX2

GH20-9056

IBM SYSTEM/360 DISK OPERATING SYSTEM INTERACTIVE TERMINAL FACILITY: PL/I AND BASIC: FUNCTIONAL DESCRIPTION, PROG. PRODS. 5736-RC1 AND 5736-RC2
 This document describes the functional capabilities of the subject Program Products, which have a Programming Service Classification of C.
 Flyer, 4 pages
 ////5736-RC1,5736-RC2

GH20-9057

OS/MVT AND OS/VS2 TIME SHARING OPTION TSO DATA UTILITIES: COPY, FORMAT, LIST, MERGE: FUNCTIONAL DESCRIPTION PROG. PROD. 5734-UT1
 This document describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C.
 Functional Description, 1 page
 ////5734-UT1

GH20-9058

APL/360-OS: PROGRAM PRODUCT 5734-XM6 FUNCTIONAL DESCRIPTION
 This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C.
 Flyer, 1 page
 ////5734-XM6

GH20-9059

APL/360-DOS: PROGRAM PRODUCT, 5736-XM6 FUNCTIONAL DESCRIPTION
 This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C.
 Flyer, 2 pages
 ////5736-XM6

SH20-9060

VS BASIC FOR VSPC: TERMINAL USER'S GUIDE PROG PROD 5748-XX1
 This publication provides the introductory, procedural, and reference information necessary to use the VS BASIC language to develop programs under VSPC, a program product available with OS/VS1, OS/VS2 MVS, and DOS/VS. It contains detailed explanations of the command language directly relevant to the needs of the typical VS BASIC user, a sample terminal session, a description of batch processing, and a VSPC Terminal Quick Reference Chart.
 Prerequisite Publications:
 VS BASIC General Information, GC28-8302
 VS BASIC Language, GC28-8303
 Related Publications:
 The VS BASIC for VSPC: Reference Summary, SX26-3710, is a digest of the VS BASIC language and the VSPC commands presented here.
 Manual, 150 pages, 4/76
 ////5748-XX1

GH20-9061

VSPC FORTRAN GENERAL INFORMATION PROGRAM NUMBER 5748-FO2
 This manual provides planning information about the VSPC FORTRAN processors, an IBM program product that runs under the VS Personal Computing program products when running under OS/VS1, OS/VS2, and DOS/VS. The features and capabilities of VSPC FORTRAN are described, along with information concerning capability and conversion considerations, operating environment, and system requirements. The VSPC FORTRAN processor consists of a compiler, together with a library of mathematical and service subroutines.
 The VSPC FORTRAN General Information manual is intended for customer executives, installation managers, and other supervisors, including data processing system planners and analysts who are interested in getting an overview of VSPC FORTRAN as an aid in evaluating it and/or planning for its installation.
 Manual, 40 pages, 11/75
 ////5748-FO2,5748-FO2

SH20-9062

VSPC FORTRAN TERMINAL USER'S GUIDE PROG PROD*5748-PO2
 This publication provides introductory, procedural and reference information necessary to develop programs using VSPC FORTRAN under the VS Personal Computing (VSPC) program product. It is intended for the FORTRAN problem-solver who will write, compile, run, and store his programs while sitting at a VSPC-supported terminal. The publication provides the necessary terminal and VSPC information for the user, and explains the use of the FORTRAN IV language supported by VSPC FORTRAN.
 Prerequisite Manual:
 IBM System/360 and System/370 FORTRAN IV Language, GC28-6515.
 The VSPC FORTRAN Reference Summary, SX26-3711, is a digest of the FORTRAN IV language and the VSPC commands

presented in this book.
 Manual, 8 1/2 x 11 inches, 154 pgs, 6/77
 ////5748-FO2,5748-FO2

SH20-9063

VSPC FORTRAN INSTALLATION REFERENCE MATERIAL PROG PROD 5748-FO2
 This publication describes how to install VSPC FORTRAN and how to perform various system functions, such as defining VSPC FORTRAN users and maintaining public and project libraries. It is intended for installation personnel who have responsibility for these functions. It explains the installation of VSPC FORTRAN under the VSPC program product.
 Manual, 8 1/2 x 11 inches, 30 pgs, 6/77
 ////5748-FO2,5748-FO2

GH20-9064

VS APL GENERAL INFORMATION PROGRAM NUMBER 5748-AP1
 This manual provides planning information about VS APL, an IBM program product that runs with VS Personal Computing under OS/VS1, OS/VS2, and DOS/VS and under the VM/370 Conversational Monitor System. The features, commands, and installation considerations are described, as are the auxiliary processors available with VS APL under VSPC and CMS, and the differences between VS APL and previous APL implementations by IBM.
 This manual is directed to data processing system analysts and planners as well as data processing executives and is intended to be an aid in evaluating and planning for the use of VS APL.
 Manual, 44 pages, 11/75
 ////5748-AP1,5740-XR9

SH20-9065

VS APL INSTALLATION REFERENCE MATERIAL PROG PROD 5748-AP1
 This publication is for installation managers and system programmers responsible for installing and maintaining the IBM program product VS APL under VM/370 CMS or under the IBM program product OS/VS1 VSPC, OS/VS2 MVS VSPC, or DOS/VS VSPC. It describes how to install VS APL and how to perform various system management functions such as defining VS APL users, creating and maintaining VS APL public and project libraries, and converting APL/360, APLSV, and APL/CMS workspaces to VS APL workspaces.
 The reader is assumed to have a knowledge of VS APL and the system or program product under which it runs.
 Prerequisite publications are VS APL General Information, GH20-9064, and either IBM Virtual Machine Facility/370: Introduction, GC20-1800, or VS Personal Computing (VSPC) for OS/VS and DOS/VS: General Information, GH20-9070.
 Manual, 80 pages, 1/76
 ////5748-AP1

SH20-9066

VS APL FOR VSPC: TERMINAL USER'S GUIDE PROG PROD 5748-AP1
 Provides how-to and reference information about the VS APL program product when operated under the program product OS/VS1 VSPC, OS/VS2 VSPC, and DOS/VS VSPC. It contains detailed information on the terminals that support the product and the procedures that must be followed in starting a terminal session. This book also describes the system commands presented by VS APL and the auxiliary processors and workspaces distributed with the product.
 This book is directed to general users of VS APL. It assumes a familiarity with the APL language but assumes no experience with VSPC. Prerequisite Manual: APL Language, GC26-3847.
 The VS APL Reference Summary, SX26-3712, is a digest of the language elements, system commands, and system variables.
 Manual, 8 1/2 x 11 inches, 160 pgs, 11/76
 ////5748-AP1

SH20-9067

VS APL FOR CMS: TERMINAL USER'S GUIDE PROG PROD 5748-AP1
 Provides how-to and reference information about the IBM program product VS APL when operated under control of the Conversational Monitor System (CMS) of the Virtual Machine Facility/370 (VM/370). It contains detailed information on the terminals that support the product and the procedures that must be followed in starting a terminal session. This book also describes the system commands presented by VS APL and the auxiliary processors and workspaces distributed with the product.
 This book is directed to general users of VS APL. It assumes a familiarity with the APL language but assumes no experience with the Conversational Monitor System.
 Manual, 8 1/2 x 11 inches, 140 pgs, 11/76
 ////5748-AP1

SH20-9068

VS APL FOR CMS: WRITING AUXILIARY PROCESSORS PROG PROD 5748-AP1
 This publication is for system and application programmers who plan to write auxiliary processors to be used with VS APL for VM/370 CMS. It presents auxiliary-processor concepts and explains how to design, write, and implement auxiliary processors.
 The reader is assumed to have knowledge of assembler language. Prerequisite publications are APL Language, are APL Language, GC26-3847 and OS/VS-DOS/VS-VM/370

Assembler Language, GC33-4010.
Flyer, 8 1/2 x 11 inches, 52 pgs, 1/76
/////5748-AP1

GH20-9069

IMS/VS VERSION 1 FAST PATH FEATURE, PROG PROD 5740-XX2, GENERAL INFORMATION
This publication is for customer executives and installation managers to help them evaluate the plan for installation of the Fast Path feature. Familiarity with IMS/VS is assumed. Facilities described include expedited message handling and two types of data bases designed for fast retrieval, update and collection of data. Information is provided on programming, system and storage requirements, terminals supported, and criteria for suitable applications.
Manual, 30 pgs, 6/76
/////5740-XX2

GH20-9070

VS PERSONAL COMPUTING (VSPC) FOR OS/VS AND DOS/VS: GENERAL INFORMATION, PROG PROD 5740-XR5, -XR6, -XRA, 5746-XR3
This manual is for installation managers and system programmers to plan to install and operate VSPC under OS/VS or DOS/VS. VSPC is an option of the operating system that enables persons with no previous computer experience to use the computer interactively by way of a terminal for: data entry and editing, writing or running computer programs and interpreter functions to solve business and scientific problems, remote job entry.
Manual, 68 pages (11/75)
/////5740-XR5,5740-XR6,5746-XR3

SH20-9071

VS PERSONAL COMPUTING (VSPC) GENERAL USER'S GUIDE AND COMMAND LANGUAGE PROG PRD 5740-XR5, 5740-XR6, 5746-XR3
Provides introductory, procedural, and reference information about the VSPC general commands and the VSPC facilities they control, and is written for the VSPC general user. Such users, if they are not using VSPC batch processing, need not have prior data processing experience. The manual describes VSPC facilities available to the general user, describes how to conduct a terminal session, and how to use each VSPC general command. A section describing how to use VSPC batch processing facilities for general users with data processing experience is included. A separate reference section gives formal definitions of VSPC general commands and related VSPC terms. VSPC is a program product available with OS/VS1, OS/VS2 MVS, or DOS/VS.
Manual, 150 pages, 4/76
/////5740-XR5,5746-XR3,5740-XR6

SH20-9072

VS PERSONAL COMPUTING (VSPC) INSTALLATION REFERENCE MATERIAL PROG PRODS 5740-XR5, 5740-XR6, 5746-XR3
This manual is for system programmers and application personnel who install, operate, and maintain VSPC under OS/VS1, OS/VS2 MVS, and DOS/VS with VTAM and VSAM. VSPC is a program product that enables persons with no previous computer experience to use the computer interactively by way of a terminal for: data entry and editing, writing or running computer programs and interpreter functions to solve business and scientific problems, and remote job entry.
This manual describes the VSPC Service Program, the VSPC startup procedure, and the interactive VSPC Supervisory commands.
Prerequisite manuals: VS Personal Computing (VSPC) for OS/VS and DOS/VS: General Information, GH20-9070, and VS Personal Computing (VSPC) General User's Guide and Command Language, SH20-9071.
Manual, 190 pages, 4/76
/////5740-XR5,5746-XR3,5740-XR6

SH20-9073

VS PERSONAL COMPUTING (VSPC) TERMINALS PROG PROD 5740-XR5, 5740-XR6, 5746-XR3
This publication describes how to use the terminals supported by the VSPC program product under OS/VS1, OS/VS2 MVS, and DOS/VS.
It is intended for VSPC users who are using terminals other than the 3767 in start/stop mode or the 2741. (Procedures for these are described in the terminal user's guides for VSPC, VS BASIC, VS APL, and VSPC FORTRAN.)
The operation and characteristics of the following terminals in a VSPC environment are discussed:
IBM 3767 Communication Terminal in SDLC and Start/Stop Mode
IBM 2741 Communication Terminal
IBM 3270 Information Display System
IBM 3770 Data Communication System
IBM 1050 Data Communication System
CPT-TWX Models 33 and 35
The publication is divided into independent sections; each describes one type of terminal. Two appendices contain a VSPC Terminal Quick Reference Chart and Terminal Specifications.
Manual, 8 1/2 inches, 92 pgs, 6/77
/////5740-XR5,5740-XR6,5746-XR3

SH20-9074

VSPC WRITING PROCESSORS PROG PRODS 5740-XR5, 5740-XR6, 5746-XR3
This manual is for system programmers working with VSPC. It provides detailed programming information about VSPC's external interfaces and how to design, code and run under VSPC terminal-oriented processors. Before reading this manual, the reader must have enough knowledge of VSPC to determine the need for extending VSPC's facilities by means of user-written processors.
Prerequisite Manuals:
VS Personal Computing (VSPC) for OS/VS and DOS/VS: General Information, GH20-9070
VS Personal Computing (VSPC) General User's Guide and Command Language, SH20-9071
VS Personal Computing (VSPC) Installation Reference Material, SH20-9072
Manual, 100 pages, 4/76
/////5740-XR5,5746-XR3,5740-XR6

GH20-9078

DOS/VS VS PERSONAL COMPUTING (VSPC) PROG PRCD 5746-XR3, DESIGN OBJECTIVES
No abstract available
Flyer, 2 pages
/////5746-XR3

GH20-9080

VSPC FORTRAN, PROG PROD 5748-FO2, DESIGN OBJECTIVES
No abstract available
Flyer, 2 pages
/////5748-FO2,5748-FO2

SH20-9081

IMS/VS, VERSION 1 INSTALLATION GUIDE - PROG PROD 5740-XX2
A step-by-step guide and reference source for the person responsible for installing IMS/VS. Contains information on the IMS/VS installation process, the OS/VS prerequisites for IMS/VS, preparing the IMS/VS system definition macro statements, tailoring the IMS/VS system to the environment, establishing security for the IMS/VS system, and using the sample application provided with IMS/VS. Divides the IMS/VS installation process into steps and provides or references all of the information required to prepare for and perform each step. Used with the IMS/VS System Programming Reference Manual, SH20-9027, to install, tune, and maintain the IMS/VS system. Assumes that the reader understands the basic concepts of IMS/VS and OS/VS.
Manual, 8 1/2 x 11 inches, 300 pgs, 7/77
/////5740-XX2

SH20-9083

DB/DC DATA DICTIONARY TERMINAL, LIC PROG 5740-XXF, 5746-XXC, USER'S GUIDE AND COMMAND REFERENCE
This manual teaches the use of the DB/DC Data Dictionary and is a reference for experienced users. It includes details of the commands; the content and use of each display form corresponding dictionary and DL/I keywords and dictionary messages. It includes information about using the dictionary in batch and on line; the content and use of each batch form, and appendices of Dictionary and DL/I keywords.
Manual, 350 pages, 8/76
/////5746-XXC,5740-XXF

SH20-9084

DB/DC DATA DICTIONARY, LIC PROG 5740-XXF, 5746-XXC, INSTALLATION GUIDE
This manual is a guide to installing the DB/DC Data Dictionary in an OS/VS or DOS/VS environment. An assumption made in this manual is that IMS/VS, DL/I DGS/VS, or CICS/VS has been installed prior to installing the dictionary. This book explains what tapes and program directories the user receives.
Manual, 8 1/2 x 11 inches, 7/79
/////5746-XXC,5740-XXF

SH20-9085

IMS/VS MASTER INDEX AND GLOSSARY, PROG PRCD 5740-XX2
This publication consolidates the indexes of publication in the most current version of the IMS/VS program product library. The master index lists topics alphabetically and refers to the specific publications where these topics are discussed. The individual publication indexes list the same topics and refer to specific pages.
Manual, 8 1/2 x 11 inches, 72 pgs, 10/76
/////5740-XX2

GH20-9086

VS APL PROGRAM PRODUCT SPECIFICATIONS PROGRAM NUMBER 5748-AP1
The Program Product Specifications (PPS) describes the warranted specifications of the subject Program Product.
Flyer
/////5748-AP1

SH20-9087

APL SHARED VARIABLES (APLSV) VERSION 3 USER'S GUIDE, PROGRAMMING RPO MG6282, PROG 5799-AQC
This publication describes the APL Shared Variable System (APLSV) Version 3, an interactive programming system that executes statements written in APL. This publication describes the TSIO and auxiliary processor which allows an APL user to perform input and output operations to disks, magnetic tapes, line printing, and other devices. It also describes how to use a 3270 Information Display Terminal in an APLSV System.

The information in this publication supplements APL language, GC26-3847, which is required for full understanding of the use and facilities of APLSV. This publication is intended for all APLSV users.

Manual, 72 pgs, 7/76
/////5799-AQC

SH20-9088

APL SHARED VARIABLES (APLSV) V3 OPERATIONS GUIDE PROGRAMMING RPO MG6282, PROG 5799-AQC

This manual contains the information necessary to install, operate, and maintain Version 3 of APLSV, including TSIO (Program Number 5740-XR9). TSIO is an IBM-supplied auxiliary processor which provides access to Operating System data sets from APLSV terminals. The use of TSIO is optional.

Manual, 96 pages, 7/76
/////5799-AQC

GH20-9089

OS/VS1 VIRTUAL STORAGE PERSONAL COMPUTING (VSPC) SPECIFICATIONS, PROG PROD 5740-XR5

The Program Product Specifications (PPS) describes the warranted specifications of the subject Program Product. Flyer, 2 pages, 4/76
/////5740-XR5

GH20-9101

VSPC FORTRAN SPECIFICATIONS, PROG PROD 5748-F02

This Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product. Flyer, 2 pages, 4/76
/////5748-F02, 5748-F02

GH20-9102

APL SHARED VARIABLES (APLSV) VERSION 3.0 SPECIFICATIONS, PROGRAMMING RPO MG6282, PROG 5799-AQC

APL SHARED VARIABLES (APLSV) VERSION 3.0 SPECIFICATIONS
Interactive system designed to give rapid response to a large number of terminal users. This publication is aimed at customer employees and prospective customers responsible for planning and maintaining an installation. It describes the enhancements which make APLSV differ from its predecessor, APL/360, and describes the ways in which it differs from earlier releases of APLSV.

The following are described: operation, programming Systems Supported, System Requirements, Compatibility among APL systems, conversion considerations, reference material, and programming service classification.

It is the preferred APL system to be used in OS/VS1 or OS/VS2 environments where BSAM and/or BDAM are the access methods in use. Since it provides its own EXCP-level terminal access method, it may be considered for use where main storage requirements are to be minimized.

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product. Flyer, 4 pages, 7/76
/////5799-AQC

GH20-9104

DB/DC DATA DICTIONARY GENERAL INFORMATION PROG PROD 5740-XXF (OS/VS), 5746-XXC (DOS/VS)

The DB/DC Data Dictionary is an IMS/VS or DL/I DOS/VS application system that serves as a tool for data base design, maintenance, and administration. Through the dictionary programs, users can create a central, organized collection of definitions of their data resources, including non-DL/I data sets as well as DL/I data bases, which can then be effectively evaluated and controlled. With batch commands, users can enter definitions directly from COBOL copy libraries (or sequential files containing COBOL source statements) and DL/I DED and PSB libraries and then add, change, copy, search, delete, and retrieve definitions as desired. In addition, through the IBM 3277 Display Station Model 2, IMS/VS DB/DC users can enter most commands online and can enter and display DL/I definitions on display forms presented by an interactive display forms facility. Machine and human readable output includes varied reports, programming language data structures, DL/I data base descriptions (DBDs), and program specification blocks (PSBs). This manual explains the purpose of the dictionary and gives examples of its use. It outlines responsibilities in installing the system; machine, programming, and storage requirements; and compatibility with the previous IBM field-developed IBM Dictionary System and its enhancements.

Manual, 56 pages, 6/76
/////5740-XXF, 5746-XXC

SH20-9105

OS/MVT 3350 and 3330 MODEL II PROGRAMMER'S GUIDE, PROG 5799-ARG, RPO EG4653

This manual is intended for installation managers and system programmers who require planning, conversion, and system generation information to install the IBM 3350 Direct Access Storage and the IBM 3330 Model II Disk Storage on their systems.

This manual also contains information on how to use the 3350 or 3330 Model II which is intended for the application and system programmers who write programs using the 3350 or 3330.

One section describes operating considerations for the operator when using OLTEP, HASP, and AP-1 with the 3350 and 3330.

A messages and codes section describes the new messages supported. There is no prerequisite reading for the understanding of this manual; however, a basic knowledge of computers and direct-access storage devices is assumed.

Manual, 50 pages, 9/76
/////3350, 3330/5799-ARG

SH20-9106

OS/MVT ANALYSIS PROGRAM-1 (AP-1) USER'S GUIDE: PROG 5799-ARG, RPO EG4653 FOR 3350 & 3330 MODEL II ON SYSTEM/370

This manual is intended for operators and programmers whose systems include the IBM 3350 Direct Access Storage. The material introduces operators and programmers to Analysis Program-1 (AP-1), its operating procedures, and its output. One section describes how to invoke AP-1 and another section describes the messages produced by AP-1.

There is no prerequisite reading for the understanding of this manual; however, it is assumed that the reader knows how to operate his computer system.

Manual, 32 pages, 9/76
/////5799-ARG

SH20-9107

VS TSIO GUIDE AND REFERENCE, PROG PROD 5740-XR9

This publication describes how to use, install, and operate VS TSIO. VS TSIO is an auxiliary processor which allows a VS APL user under VSPC to perform input and output operations from a VS APL terminal to and from operating system data sets on disk, tape, line printer, and other devices. SYSOUT and job submission capability are also provided.

A knowledge of the information in the APL Language manual, GC26-3847, especially the use of shared variables, and the VS APL for VSPC Terminal User's Guide, SH20-9066, is essential to full understanding of the use and facilities of VS TSIO.

This publication is intended for all VS TSIO users, operators, installers, planners, and analysts.
Manual, 124 pgs, 2/77
/////5740-XR9

GH20-9108

OS/VS2 MVS VIRTUAL STORAGE PERSONAL COMPUTING (VSPC) SPECIFICATIONS, PROG PROD 5740-XR6

Virtual Storage Personal Computing (VSPC) is a program product that provides OS/VS2 MVS users at terminals a choice of responsive tools, in an interactive environment, to help support their personal computing and problem solving activities.

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product. Program Product Specifications, 2 pages (8/76)
/////5740-XR6

GH20-9109

DOS/VS VIRTUAL STORAGE PERSONAL COMPUTING (VSPC) PROD 5746-XXC SPECIFICATIONS

Virtual Storage Personal Computing (VSPC) is a program product that provides DOS/VS users at terminals a choice of responsive tools, in an interactive environment, to help support their personal computing and problem solving activities.

The Program Product Specifications (PPS) describe the warranted specifications of this program product.
Flyer, 2 pgs, 9/76
/////5746-XXC

SH20-9111

OS/MVT AND OS/VS DASDR USER'S GUIDE - PROG PROD 5740-UTI

This publication describes the installation considerations of DASDR program product and how to use the program. This manual provides planning and system generation information for data processing managers, system planners, and system programmers planning to install this program product on their systems.

This manual also provides information on how to use DASDR program product and the messages issued by the program product. This information is intended for system programmers, application programmers, and operators.

There is no prerequisite reading for this publication, although a basic knowledge of how utility programs work is assumed.
Manual, 100 pages, 3/77
/////5740-UTI

GH20-9113

DASDR (DIRECT ACCESS STORAGE DUMP RESTORE)
LIC PROG 5740-UT1, DESIGN OBJECTIVES
 The Licensed Program Design Objectives (LPDO) describes the design objectives and provides the estimated availability date for the subject program.
 Design objectives, 8 1/2 x 11 inches, 2 pgs, 3/77
 //5740-UT1

GH20-9114

VTSIO SPECIFICATIONS, PROG PROD 5740-XR9
 Describes the warranted specifications of the program.
 Flyer
 //5740-XR9

GH20-9115

3350-3330 MODEL 11 MVT (PRPG EG 4653) PROG 5799-ARG SPECIFICATIONS
 This program specification provides information on the availability and system requirements and considerations for the 3350/3330 Model 11 support on OS/MVT Release 21.8.
 Program Specifications, 4 pgs, 9/76
 //3350,3330/5799-ARG

GH20-9116

OASDR, PROG PROD 5740-UT1, SPECIFICATIONS
 This specification provides information on the availability, system requirements, and considerations for the OASDR Program Product dump and restore facilities.
 Flyer, 8 1/2 x 11 inches, 2 pgs, 3/77
 //5740-UT1

GH20-9117

IMS/VS SPECIFICATIONS, PROG PROD 5740-XX2
 The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.
 Flyer, 8 1/2 x 11 inches, 14 pgs, 10/76
 //5740-XX2

GH20-9122

OS/VS2 MVS SEQUENTIAL ACCESS METHOD-EXTENDED (SAM-E) GENERAL INFORMATION, PROG PROD 5740-AM1, -AM3
 Sequential Access Method-Extended (SAM-E) is an enhancement to the existing System Control Program (SCP) version of the Sequential Access Method (SAM). SAM-E improves the performance of SAM for DASD operations. This general information manual enables the prospective user to prepare for using SAM-E. The manual's audience is data processing managers and others seeking information on SAM-E.
 The reader is expected to be familiar with basic concepts such as access methods, direct-access storage, and the distinction between data-set organization and data-set processing. The sections dealing with those concepts in OS/VS Data Management Services Guide, GC26-3783, are suitable for preparatory reading.
 Manual, 30 pages, 12/77
 //5740-AM1,5740-AM3

GH20-9131

IBM OS FULL AMERICAN NATIONAL STANDARD COBOL COMPILER AND LIBRARY VERSION 3 FUNCTIONAL DESCRIPTION, PROG PROD 5734-CB1
 This flyer briefly describes the functions offered by this Class C Program Product, 5734-CB1.
 Flyer, 8 1/2 x 11 inches, 4 pgs, 5/77
 //5734-CB1

GH20-9132

HASP/MVT/3800 PRPG MJ0792, SPECIFICATIONS, LIC PROG 5799-ATQ
 The Licensed Program Specifications (LPS) describe the warranted specifications of the subject Program Product.
 Flyer, 8 1/2 x 11 inches, 4 pgs, 7/77
 //5799-ATQ

SH20-9133

IBM 3800 PRINTING SUBSYSTEM PROGRAMMER'S GUIDE FOR HASP/MVT/3800, PRPG MJ0792 - LIC PROG 5799-ATQ
 This book provides:
 o Planning and conversion information for the IBM 3800 Printing Subsystem. The intended audience is data-processing managers, system planners, and system programmers planning to incorporate a 3800 into an OS/MVT system.
 o Information on how to use the 3800. This is intended for application programmers and system programmers who will be using the 3800 Printing Subsystem.
 There is no prerequisite reading for this publication, although a basic knowledge of computers and system printers is assumed.
 Manual, 8 1/2 x 11 inches, 156 pages, 8/77
 //5799-ATQ

SH20-9134

HASP/MVT/3800 OPERATOR GUIDE, PRPG MJ0792, LIC PROG 5799-ATQ
 This publication tells the computer operator what the differences are between HASP II Version 4 and HASP/MVT/3800. In order to use the information supplied in this publication properly, a copy of OS/VS2 HASP II version 4 Operator's

Guide, GC27-6992, is required.
 Manual, 8 1/2 x 11 inches, 200 pgs, 8/77
 //5799-ATQ

SH20-9136

HASP/MVT/3800 USER'S GUIDE, PRPG MJ0792 - LIC PROG 5799-ATQ
 HASP is an optional program not required for the operation of an OS/MVT system. This book is intended for programmers at installations that have chosen to install HASP.
 This book is divided into four sections: Routing a job through the system with HASP, obtaining output with HASP, coding JCL in the HASP environment, and coding HASP control statements.
 Note: The external characteristics of HASP can be greatly influenced by the parameters used at HASP generation. This book does not describe all of those options. Also, HASP is often modified by an installation to provide different external characteristics. Thus, the descriptions herein should not be regarded as typical. If your installation's system programming staff has made changes to HASP, be sure you understand the effects of those changes.
 Manual, 8 1/2 x 11 inches, 38 pgs, 8/77
 //5799-ATQ

GH20-9137

OFFLINE IBM 3800 UTILITY LIC PROG 5748-UT2, SPECIFICATIONS
 This is the specifications for the licensed program Offline IBM 3800 Utility.
 Flyer, 8 1/2 x 11 inches, 2 pgs, 11/77
 //5748-UT2

SH20-9138

OFFLINE IBM 3800 UTILITY MANUAL, LIC PROG 5748-DI2
 This publication contains a general description of the Offline IBM 3800 Utility program and the information necessary to use it. The intended audience are all those who need to know about the utility from the managers and installation planners to the system programmers and operators.
 Manual, 8 1/2 x 11 inches, 11/77
 //5748-UT2

SH20-9144

OS/VS2 MVS SEQUENTIAL ACCESS METHOD-EXTENDED (SAM-E) INSTALLATIONS STORAGE ESTIMATING
 The purpose of this book is to enable users to estimate the real, virtual, and auxiliary storage requirements for Data Management-Extended (DM-E). DM-E is an extension to existing SCP versions of Enhanced VSAM and Sequential Access Method (SAM). These extended access methods operate under OS/VS2 MVS and are referred to in this book as VSAM-E and SAM-E, respectively. This book covers storage requirements for SAM-E and VSAM-E only. The reader should refer to OS/VS2 System Programming Library: STORAGE ESTIMATES for estimating his storage requirements for other components of his MVS system.
 Manual, 8 1/2 x 11 inches, 40 pages, 12/77
 //5740-AM3

SH20-9145

IMS/VS VERSION 1, LIC PROG 5740-XX2, PRIMER
 This publication is intended for first-time users of the Information Management System/Virtual Storage (IMS/VS). It provides system analysts, data base administrators, system programmers, and application programmers with the information necessary for the design, installation, and operation of their initial applications, using a subset of the data base or data base/data communication facilities of IMS/VS. Included is the information the user would ordinarily need to:
 • Plan for IMS/VS use
 • Design DL/I data bases
 • Design, write, and test IMS/VS programs
 • Install IMS/VS
 • Operate IMS/VS
 • Maintain IMS/VS
 The IMS/VS Primer is designed to be used with IMS/VS Primer Master Terminal Operator's Guide - ETAM (SH20-9146), IMS/VS Primer Master Terminal Operator's Guide - VTAM (SH20-9147), IMS/VS Primer Remote Terminal Operator's Guide (SH20-9148), and the IMS/VS Primer Sample Listings (SH20-9149). The only other IMS/VS manuals the user of the subset would normally have to refer to are the IMS/VS General Information Manual (GH20-1260) and the IMS/VS Messages and Codes Reference Manual (SH20-9030).
 By using the approach suggested in the IMS/VS Primer, users can avoid much of the complexity usually associated with IMS/VS. Many of the steps required to install IMS/VS can be shortened, simplified, and/or accomplished in a more orderly manner.
 Manual, 8 1/2 x 11 inches, 500 pages, 9/78
 //5740-XX2

SH20-9146

IMS/VS VERSION 1, LIC PROG 5740-XX2, PRIMER MASTER TERMINAL OPERATOR'S GUIDE: ETAM
 This publication is a guide for the master terminal operator to operate the online Information Management System/Virtual Storage (IMS/VS) as described in the IMS/VS Primer (SH20-9145) that uses the Basic Telecommunications Access Method (BTAM). Included is an introduction to IMS/VS,

information on how to operate the master terminal, and a glossary of frequently used terms. Also included are descriptions of:

- The flowcharts, forms, and tables that are used with detailed IMS/VS operating instructions.
 - The format and function of the IMS/VS subset commands.
 - The configuration of the online IMS/VS system.
- This guide should be used together with the IMS/VS Primer which describes a subset of IMS/VS. In addition, the IMS/VS Messages and Codes Reference Manual (SH20-9030) and the IMS/VS Primer Remote Terminal Operator's Guide (SH20-9148) should be used.
- Manual, 8 1/2 x 11 inches, 120 pages, 9/78
 ////5740-XX2

SH20-9147

IMS/VS VERSION 1, LIC PROG 5740-XX2, PRIMER MASTER TERMINAL OPERATOR'S GUIDE: VTAM
 This publication is a guide for the master terminal operator to operate the online Information Management System/Virtual Storage (IMS/VS) as described in the IMS/VS Primer (SH20-9145) that uses the Virtual Telecommunications Access Method (VTAM), information on how to operate the master terminal, and a glossary of frequently used terms. Also included are descriptions of:

- The flowcharts, forms, and tables that are used with detailed IMS/VS operating instructions.
- The format and function of the IMS/VS and VTAM subset commands.
- The configuration of the online IMS/VS system.

This guide should be used together with the IMS/VS Primer, which describes a subset of IMS/VS. In addition, the IMS/VS Messages and Codes Reference Manual (SH20-9030) and the IMS/VS Primer Remote Terminal Operator's Guide (SH20-9148) should be used.

Manual, 8 1/2 x 11 inches, 124 pages, 9/78
 ////5740-XX2

SH20-9148

IMS/VS VERSION 1, LIC PROG 5740-XX2, PRIMER REMOTE TERMINAL OPERATOR'S GUIDE
 This publication is a guide for the remote terminal operator and the master terminal operator to operate a terminal connected to the online Information Management System/Virtual Storage (IMS/VS) system. Included is an introduction to IMS/VS and descriptions of some system concepts and terms. Also included are descriptions of the basic hardware operating procedures for terminals connected to IMS/VS; the interface to IMS/VS; IMS/VS commands; recovery and operating procedures.

In addition to this guide, refer to the Operator's Guide for the IBM 3270 Information Display System (GA27-2742) and the IBM 3270 Problem Determination Guide (GA27-2750) for information about the IBM 3270 Information Display System (IDS).

Manual, 8 1/2 x 11 inches, 48 pages, 9/78
 ////5740-XX2

SH20-9149

IMS/VS VERSION 1, LIC PROG 5740-XX1, PRIMER SAMPLE LISTINGS
 This publication is a companion to the IMS/VS Primer (SH20-9145) and the IMS/VS Primer Master Terminal Operator's Guide (SH20-9146 for BTAM and SH20-9147 for VTAM). It contains detailed documentation of the sample IMS/VS application system used throughout the manuals referenced above. Individual chapters contain:

- The source listings of all the programs used in the sample application system; listing of Data Base Descriptions (DBD), Program Communication Blocks (PCB), and message formats used in the sample; a listing of the sample data to be loaded into the sample data bases.
- The lists of all the JCL, utility control and macro statements used to generate IMS/VS, install the sample application and exercise the sample application.
- The output from selected jobs of the sample application. Additionally, directions on how to obtain the machine readable version of the sample job and source statements is included.

Manual, 8 1/2 x 11 inches, 500 pages, 9/78
 ////5740-XX2

SH20-9167

VS APL FOR CICS/VS, LIC PROG 5748-AP1, TERMINAL USER'S GUIDE
 Provides how-to and reference information about the VS APL program product when operated under the program product OS/VS1 CICS/VS, OS/VS2 CICS/VS, and DOS/VS CICS/VS. It contains detailed information on the terminals that support the product and the procedures that must be followed in starting a terminal session. This book also describes the system commands presented by VS APL and the auxiliary processors and workspaces distributed with the product.

This book is directed to general users of VS APL. It assumes a familiarity with the APL language but assumes no experience with CICS/VS. Prerequisite manual: APL Language, GC26-3847.

Manual, 8 1/2 x 11 inches, 150 pages, 7/78
 ////5748-AP1

SH20-9168

VS APL FOR CICS/VS: WRITING AUXILIARY PROCESSORS, LIC PROG 5748-AP1
 This manual tells how to design and write auxiliary

processors to be used with VS APL running under CICS/VS (which in turn runs on S/370 under either OS/VS1, OS/VS2 MVS, or DOS/VS). The reader is assumed to know Assembler Language and to be acquainted with CICS/VS facilities.

Manual, 8 1/2 x 11 inches, 51 pages, 8/78
 ////5748-AP1

GH20-9500

IBM SYSTEM/370 DISTRIBUTED SYSTEM PROGRAM REFERENCE MANUAL PROGRAM NUMBER 360A-TX-032
 This publication describes the functions available in the IBM System/370 Distributed System Program (DSP). This book provides System/360, System/370 and System/7 application programmers with information that enable them to prepare for and install the DSP facilities that most effectively fulfill their application requirements.

Manual, 206 pages
 360,370/C/36/CS,OTSO,OASP/5010/

GH20-9501

SYSTEM/370 DISTRIBUTED SYSTEM PROGRAM OPERATIONS GUIDE PROG. NO. 360A-TX-032
 This publication describes how to install, operate, and maintain the IBM System/370 Distributed System Program (DSP). This book is intended for system programmers who are knowledgeable in concepts of generation, operation, and maintenance of OS/360 and familiar with the concepts of teleprocessing and the Distributed System Program.

Guide, 103 pages
 360,370/C/36/OS,OTSO,OASP/5010/

SH24-5001

DL/I DOS/VS GUIDE FOR NEW USERS, PROGRAM PRODUCT 5746-XX1
 DL/I DOS/VS is a data management control system that assists the user in creating, accessing, and maintaining large common data bases. In conjunction with the Customer Information System (CICS/DOS/VS), DL/I DOS/VS permits expansion of data processing applications from a batch-only environment to an online teleprocessing environment.

This manual is intended for first-time users of DL/I DOS/VS. It provides system analysts, data base specialists, system programmers, and application programmers with the information necessary for the design, installation, and operation of initial applications using the data base management facilities of DL/I DOS/VS. Through extensive use of examples and references to sample application programs supplied with DL/I DOS/VS, the manual reinforces the user's knowledge of data base concepts and the functions provided by DL/I; describes organizing, creating, and maintaining data bases; guides the user in writing data base application programs; and provides workable examples for setting up a specific data base application such as an online order entry and inventory system.

Readers of this manual are expected to be familiar with the concepts of DL/I data bases and the functions provided by DL/I through the information contained in DL/I DOS/VS General Information, GH20-1246.

Manual, 8 1/2 x 11 inches, 9/77
 ////5746-XX1

SH24-5002

DL/I DOS/VS DIAGNOSTIC GUIDE, PROG PROD 5746-XX1
 DL/I DOS/VS is a data management control system developed to assist the user in implementing data base processing applications. It provides data organization methods that are conducive to the creation of, access to, and maintenance of large common data bases. DL/I DOS/VS permits the expansion of data processing applications from a batch-only environment to a teleprocessing environment such as the Customer Information Control System DOS/VS (CICS/DOS/VS).

This manual gives general descriptions of JCL statements, partition and control block relationship, DL/I calls, and data base organization. In addition, diagnostic aids are given for control flow, scheduling errors, trace entries, online wait state, and interpreting and debugging DL/I dumps. A brief description of various DL/I programs is given.

This manual is intended primarily for the IBM Program Support Representative. In some installations those involved in system programming and system maintenance will find it helpful.

The reader should be familiar with the information contained in:

- DOS/VS System Control Statements, GC33-5376
 - DL/I DCS/VS Logic Manual, LY12-5016
 - DL/I DOS/VS Utilities and Guide for the System Programmer, SH12-5412
 - DL/I DCS/VS System/Application Design Guide, SH12-5413
 - CICS/VS System Programmer's Reference Manual, SC33-0069
- Manual, 8 1/2 x 11 inches, 146 pages 9/77
 ////5746-XX1

GH24-5003

REMOTE SPOOLING COMMUNICATIONS SUBSYSTEM NETWORKING, LIC PROG 5748-XP1, SPECIFICATIONS
 This Specification is the basis for the warranty for Remote Spooling Communications Subsystem Networking Program Product. This Specification provides information on the warranted functions of the licensed program, and states the Specified Operating Environment.

Flyer, 2 pages, 3/79
 ////

GB24-5004

VIRTUAL MACHINE FACILITY/370:
REMOTE SPOOLING COMMUNICATIONS SUBSYSTEM NETWORKING, LIC
PROG 5748-XP1 GENERAL INFORMATION
 This publication contains overview and introductory information relative to the Remote Spooling Communications Subsystem Networking Program Product. It is intended to provide general information about RSCS to installation managers and systems programmers, and data processing managers and executives.
 Manual, 28 pages, 1/79
 ////5748-XP1

SB24-5005

VIRTUAL MACHINE FACILITY/370: REMOTE SPOOLING
COMMUNICATIONS SUBSYSTEM NETWORKING, LIC PROG 5748-XP1,
PROGRAM REFERENCE AND OPERATIONS
 This publication is for the VM/370 system programmer installing the Remote Spooling Communications Subsystem Networking program product (called RSCS in this manual), the RSCS operator, and the VM/370 terminal user using RSCS. It describes:

- Characteristics and components of SRCS
- How to install RSCS
- How to operate RSCS
- How a VM/370 user uses RSCS

8 1/2 x 11 inches, 252 pages, 1/79
 ////5748-XP1

GB35-0007

OS/VS2 MVS HIERARCHICAL STORAGE MANAGER, PROG PROD 5740-XRB,
GENERAL INFORMATION
 This manual is an introduction to the Hierarchical Storage Manager program product. It is written for data processing managers, system programmers, application programmers, system operators, TSO terminal and batch users, and other data processing personnel involved in data space management. This manual describes the functional characteristics, hardware considerations, operating system considerations, planning, and the responsibilities that go along with this program product.
 Manual, 8 1/2 x 11 inches, 35 pgs, 7/77
 ////5740-XRB

GB35-0010

IMS/VS DATA BASE RECOVERY CONTROL FEATURE
GENERAL INFORMATION
 This book describes the IMS/VS Data Base Recovery control feature, which is a priced feature of IMS/VS Release L.1.4 for S/370 under OS/VS1 or OS/VS2.
 The IMS/VS Data Base Recovery Control feature controls the recovery of IMS/VS DL/I data-base data sets. The feature is composed of new data sets, new utilities, and changes to existing programs in IMS/VS that are related to the recovery of data base data sets.
 This book is intended to be used as promotional literature to be given to prospective customers by DPD marketing personnel.
 Manual, 8 1/2 x 11 inches
 ////5740-XX2

SB35-0023

OS/VS2 MVS HIERARCHICAL STORAGE MANAGER PROGRAMMER'S
REFERENCE AND OPERATIONS GUIDE, LIC PROG 5740-XRB
 The Hierarchical Storage Manager is a program product that manages and controls space on a hierarchy of storage devices by the functions of migration, recall, backup, and recovery of data sets. This reference describes the Hierarchical Storage Manager and how it operates to the system programmer and operator.
 Manual, 8 1/2 x 11 inches, 2/78
 ////5740-XRB

SB35-0024

MVS HIERARCHICAL STORAGE MANAGER USER'S GUIDE, PROG 5740-XRB
 This Hierarchical Storage Manager is a program product that manages and controls space on a hierarchy of storage devices by the functions of migration, recall, backup, and recovery of data sets.
 This guide informs the user about the affect the Hierarchical Storage Manager has on his data and how he can use it.
 Manual, 8 1/2 x 11 inches, 1/78
 ////5740-XRB

SB35-0025

OS/VS2 MVS HIERARCHICAL STORAGE MANAGER MESSAGES,
LIC PROG 5740-XRB
 This publication is part of the OS/VS2 MVS Message Library. It documents messages from the Hierarchical Storage Manager (a program product) with message prefix "ARC". It is intended to be used by operators system programmers, and users of the Hierarchical Storage Manager.
 Manual, 8 1/2 x 11 inches, 65 pages, 1/78
 ////5740-XRB

SB35-0027

IMS/VS DATA BASE RECOVERY CONTROL FEATURE,
LIC PROG 5740-XX2, REFERENCE INFORMATION
 This book is the user's reference manual for the Data Base Recovery Control Feature. It contains information about how to use the feature; a detailed description of the commands of the Recovery Control utility; and a description of the error messages that are generated by the feature.
 Manual, 8 1/2 x 11 inches
 ////5740-XX2

GB35-0034

OS/VS MASS STORAGE SYSTEM EXTENSIONS GENERAL INFORMATION
 This publication contains general information about the programming support provided in the Mass Storage System Extensions for the IBM 3850 Mass Storage System. This publication is for data processing executives, operations manager, system programmers, and other professional data processing personnel who are interested in buying the extensions.
 Readers of this publication should have some familiarity with OS/VS concepts and terms, with the Mass Storage System, and with the Access Method Services Commands for the Mass Storage System.
 Manual, 8 1/2 x 11 inches
 ////5740-XYG

SB35-0035

OS/VS MASS STORAGE SYSTEM EXTENSIONS SERVICES GUIDE
LIC PROG 5740-XYG
 This publication describes the mass storage volume control functions, the mass storage volume control inventory data set, the mass storage volume control journal data set, and the Access Method Services commands for the Mass Storage System. This publication explains how all these things are used by the space manager responsible for managing the space on the data cartridges in the Mass Storage Facility. Readers of this publication should have a background in programming, especially in the use of the Access Method Services commands. The information in this publication is directed toward space managers and system programmers.
 Manual, 8 1/2 x 11 inches
 ////5740-XYG

GB35-0044

IMS/VS D/B RECOVERY CONTROL
 No abstract available.
 2 pages
 ////5740-XX2

SJA0-0300

OS/VS2 REL 868 DEMF
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 2 cards, 12/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJA0-0302

SINGLE VIRTUAL SYSTEM/DATA EXCEPTION MONITORING FACILITY
PROGRAM, (SVS/DEMF), 5742-017
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 2 cards, 1/78
 SLSS - ORDER NO. SUBSCRIPTION ONLY

LJA0-0303

VIRTUAL SYSTEMS EXTENDED/INTERACTIVE PROBLEM CONTROL SYSTEM
LIC PROG 5746-SA1 MICROFICHE LISTINGS
 Microfiche listings for VSE/TPCE.
 Microfiche reduced 45x, 8 cards, 1/79
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB1-0402

ACP/VTAM FOR OS/VS, PROG PROD 5746-RC3,
COMPONENT 5745-SC-VTM-G03, ASSEMBLY LISTING MICROFICHE
 This document contains microfiche of assembly listings of ACP/VTAM for use by FE Service personnel for correction of design errors.
 Microfiche, 3 1/4 x 7 3/8 inches, 138 cards, 12/77
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB1-0403

ACP/VTAM MULTISYSTEM NETWORKING FEATURE (MSNF) PROG PROD
5746-RC3, COMPONENT 5745-SC-VTM-G04 ASSEMBLY LISTING FICHE
 This document contains microfiche of assembly listings of ACP/VTAM Multisystem Networking Feature for use by FE Service Personnel for the correction of program design errors.
 Microfiche, 3 1/4 x 7 3/8 inches, 15 cards, 11/77
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SJB1-0404

VTAM SCP MODULES FOR USE WITH ACP/VTAM, PROG PROD 5747-CF1
COMPONENT 5745-SC-VTM-721
 This document contains microfiche of the assembly listings for the VTAM SCP (which is used with ACP/VTAM). It is used by FE Service personnel for correction of design errors.
 Microfiche, 3 1/2 x 7 3/8 inches, 27 cards, 11/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

- LJB1-0405
NOSP FOR DOS/VS: NETWORK OPERATION SUPPORT, PROG PROD 5735-XX2, ASSEMBLY LISTING MICROFICHE
 This document contains microfiche of the assembly listings for NOSP. It is used by FE Service Personnel for correction of design errors.
 Microfiche, 3.25 x 7.375 inches, 18 cards, 9/77
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- SJB1-0406
BTAM SCP FOR DOS/VSE BASIC TELECOMMUNICATION ACCESS METHOD SYSTEM CONTROL PROGRAMMING, SCP 5747-GC1 MICROFICHE LISTING
 This document contains microfiche of the assembly listings for BTAM SCP for DOS/VSE. It is used by FE Service Personnel for correction of Design Errors.
 Microfiche, 3.25 x 7.375, 4 Cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- LJB1-0407
BTAM-ES FOR DOS/VSE, BASIC TELECOMMUNICATIONS ACCESS METHOD, EXTEND SUPPORT FOR DOS/VSE SCP 5746-RC5, MICROFICHE LISTINGS
 This document contains microfiche of the assembly listings for BTAM-ES. It is used by FE Service Personnel for corrections of Design Errors.
 Microfiche, 3.25 x 7.375 45x, 3 Cards,
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJB1-0417
OS/VS1 NETWORK OPERATIONS SUPPORT PROGRAM 5735-XX2 MICROFICHE LISTINGS
 Microfiche for all purchasers of this product to VS1 6.7.
 Microfiche reduced 45x, 16 cards, 12/78
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJB1-0418
OS/VS1 VIRTUAL TELECOMMUNICATIONS (SNA3) 5735-RC2 MICROFICHE LISTINGS
 Microfiche for all purchasers of this product to VS1 6.7.
 Microfiche reduced 45x, 149 cards
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJB1-0419
OS/VS1 VIRTUAL TELECOMMUNICATION (SNA3) 5735-RC22 MICROFICHE LISTINGS
 Microfiche for all purchasers of this product to OS/VS1.
 Microfiche reduced 45x, 14 cards, 3/78
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJB1-0421
OS/VS1 VIRTUAL COMMUNICATION (SNA3) 5735-RC2 MICROFICHE LISTINGS
 Microfiche for all purchasers of this product to VS1 6.7.
 OS/VS1.
 Microfiche reduced 45x, 3 cards
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJB1-0431
NETWORK OPERATION SUPPORT PROGRAM (NOSP) PROG 5735-XX2 LISTINGS FOR OS/VS2 MVS COMPONENT 5735-XX200-E74
 This document contains microfiche of the assembly listings for NOSP. It is used by FE Service Personnel for correction of design errors.
 Microfiche reduced 45x, 16 cards, 6/78
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJB1-0432
ACF/VTAM FOR SVS, PROG 5735-RC2 COMPONENT 5742-SCI-23-202
 This document contains assembly listings for ACF/VTAM for use by FE Service Personnel for the correction of program design errors.
 Microfiche reduced 45x, 147 cards, 6/78
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJB1-0433
ACF/VTAM MULTISYSTEM NETWORKING FOR SVS, PROG 5735-RC2 COMPONENT ID 5742-SCI-23-FO3
 This document contains assembly listings for the ACF/VTAM Multisystem Networking Feature for use by FE Service Personnel for correction of program design errors.
 Microfiche reduced 45x, 4 cards, 6/78
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- SJB1-0434
VTAM SCP FOR OS/VS, PROG 5742-017 COMPONENT 5742-SCI-23-571
 This document contains microfiche of the assembly listings for NOSP. It is used by FE Service Personnel for correction of design errors.
 Microfiche reduced 45x, 35 cards, 6/78
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJB1-0461
SVS VTAM ICR - OS/VS SCP 5742-017
 Microfiche Source Code of OS/VS2 R1.7 (SVS) Modules used in the SVS VTAM ICR (5742-017) that provides the SVS user support of SNA terminals.
 Intended primarily for IBM Programming Support
- Representatives requiring the SCP program listings for VTAM, SSS, TOLTEP, and prerequisite PTF's.
 Microfiche, 7/76
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJB2-9000
OS/VS2 REL 3.0 SMP 5752-VS2 PROGRAM LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche 7/76
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJB2-9001
VS2 REL 1.7 SMP 5742-017 PROGRAM LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 7/76
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJB2-9003
OS/VS2 REL 01.7 - OBR/EREP/RDE MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 41 cards, 2/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJB2-9004
OS/VS2 RELEASE 03.6- OBR/EREP/RDE
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 41 cards, 2/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJB2-9006
OS/VS2 SVS PROCESSOR SUPPORT, SCP 5742-017, ICR UY99951
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 15 cards, 3/78
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJB2-9007
OS/VS2 MVS PRCESSOR SUPPCRT 2
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, reduced 45x, 110 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJB2-9008
OS/VS2 MVS PRCESSOR SUPPORT 2 MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 96 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- LJB2-9500
OS/VS2 - RMF - PROG PROD 5740-XXM, LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJB2-9501
OS/VS2 DASD TSO COMMAND PACKAGE, PROG 5740-XT6
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJB2-9503
OS/VS2 RACF V2 REL 1 SU 814 LISTINGS, 5752-814
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 25 cards, 8/76
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJB2-9504
OS/VS2 RMF VERS 2 REI 1 LISTINGS - PROG PRCD 5740-XY4
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 27 cards, 5/77
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJB2-9505
OS/VS2 RACF V1 R3 LISTINGS, PROG PROD 5740-XXB
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 33 cards
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJB2-9506
OS/VS2 MVS TSO 3270 EXTENDED DISPLAY SUPPCRT SESSION MANAGER, LIC PROG 5740-XE2, VER 1, REL. 2
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 10 cards
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJB2-9507
OS/VS2 - RMF REL 2 VERS 2 POST PROCESSOR UPDATE PROG PROD 5740-XY4
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 32 cards, 10/77
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB2-9508

OS/VS2 MVS SYSTEM EXTENSIONS 1.0, LIC PROG 5740-XE1, LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche, 117 cards, 2/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB2-9509

OS/VS2 853 - RMF VERSION 2 REL 2 SYSTEM EXPANSION SUPPORT
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche, 33 cards, 2/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB2-9510

VS2 839 PROGRAMMED CRYPTO FACIL, LIC PROG 5740-XY5, LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche reduced 45x, 7 cards, 4/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB2-9511

OS/VS1 PROGRAMMED CRYPTOGRAPHIC FACILITY, LIC PROG 5740-XY5 MICROFICHE LISTING
Microfiche for all purchasers of this product to VS1 6.7.
Microfiche reduced 45x, 6 cards, 11/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB2-9512

MVT 3031/3032/3033 PROCESSOR SUPPORT PRPQ, ICR S99951
Contains Type I OS program listings as specified in the title.
Microfiche, 40 cards, 6/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0001

IBM 3350/3330-11 PRPQ (US99931) FOR USE WITH OS/MVT (21.8) PROG 5799-ARG
Microfiche listing for subject PRPQ.
Microfiche, 17 cards, 2/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0002

DATA MANAGEMENT SUPPORT (DASDR), LIC PROG 5740-UT1 MICROFICHE LISTINGS
Microfiche for all users of this product:
OS/MVT - Release 21.8
OS/VS1 - Release 5, 6, 6.7, 7
OS/VS2 (SVS) - Release 1.7
OS/VS2 (MVS) - Release 3.7, 3.8
Microfiche reduced 45x, 5 cards, 11/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0003

INFORMATION MANAGEMENT SYSTEM/VIRTUAL STORAGE VERSION 1 (IMS/VS V1) PROG PROD 5740-XX2 FAST PATH FEATURE LISTINGS
Microfiche listings for Information Management System/Virtual Storage Version 1 (IMS/VS V1) Program No. 5740-XX2 Fast Path Feature.
Microfiche, 26 cards, 7/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0004

IMS/VS V1 LIC PROG 5740-XX2, IMS PSEUDO MODULE LISTINGS
This set of microfiche contains listings of sample edit routines, sample programs and primer function programs associated with all the IMS/VS features. Additionally, it contains five pseudo modules: module directory; control block DSECTS; symbol where used cross reference; macro directory; macro where used cross reference. This sample and diagnostic information can be used by customer personnel and field engineering representatives.
Microfiche, 4/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0008

IBM HASP/MVT/3800 MICROFICHE LISTINGS, PRPQ MJ0792, PROG 5799-ATQ
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche, 9 cards, 8/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0009

OS/VS1 CITOPS (ARGOT UTILITY) 5748-UT2 MICROFICHE LISTINGS
Microfiche for all purchasers of this product to VS1 6.7.
Microfiche reduced 45x, 3 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0010

OFFLINE IBM 3800 UTILITY, DOS/VS REL 34, LIC PROG 5748-UT2, LISTINGS
Contains program listings as specified in the title.
Microfiche, 9 cards, 10/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0014

IMS/VS V1, LIC PROG 5740-XX2, DATA BASE SURVEYOR UTILITY FEATURE LISTINGS
Microfiche listings for Information Management System/Virtual Storage Version 1 (IMS/VS V1) Program No. 5740-XX2 Data Base Surveyor Utility Feature.
Available to each licensee under the licensing agreement from IBM Program Control Center. Available to IBM personnel from IBM Distribution Center.
Microfiche, 2 cards, 8/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0015

OS/VS1 DATA MANAGEMENT, LIC PROG 5740-AM8, MICROFICHE LISTINGS
Microfiche for all purchasers of this product to VS1 6.7.
Microfiche, reduced 45x, 4 cards, 11/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0024

OS/VS2 MVS VSPC (VS PERSONAL COMPUTING) DATA AREAS, LIC PROG 5740-XR6, MICROFICHE LISTINGS
Microfiche Listing of OS/VS2 MVS VSPC (VS Personal Computing) Data Areas, 5740-XR6.
Microfiche 1 card, 9/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0025

OS/VS2 MVS VSPC SYMBOLIC NAME CROSS REFERENCE TABLE, LIC PROG 5740-XR6 MICROFICHE LISTINGS
Microfiche Listing of OS/VS2 MVS VSPC (VS Personal Computing) Symbolic Name Cross Reference Table 5740-XR6.
Microfiche 3 cards, 9/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0034

OS/VS1 VS PERSONAL COMPUTING (VSPC) REL. 2 DATA AREAS, LIC PROG 5740-XR5, MICROFICHE LISTING
Microfiche Listing of OS/VS1 VS Personal Computing (VSPC) Rel. 2 Data Areas, 5740-XR5
Microfiche, 1 card, 12/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0035

OS/VS1 VS PERSONAL COMPUTING (VSPC) REL. 2 SYMBOLIC NAME CROSS REFERENCE TABLE, LIC PROG 5740-XR5, MICROFICHE LISTINGS
Microfiche Listing of OS/VS1 VS Personal Computing (VSPC) Rel. 2 Symbolic Name Cross Reference Table 5740-XR5 licensed Material - Property of IBM
Microfiche, 2 cards, 12/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0036

IMS/VS DB RECOVERY, MICROFICHE LISTINGS
No abstract available.
Microfiche, 28 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SJB6-6000

OS/VS2 VSAM ENHANCED MICROFICHE REL 3.0, 3.6, 3.7
No abstract available.
Microfiche, 623 cards, 4/75
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJB6-6001

OS/VS1 ANALYSIS PROGRAM 1 (AP-1), SCP 5741-VS1
No abstract available
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJB6-6002

OS/VS2 ANALYSIS PROGRAM 1 (AP-1) PROGRAM LISTING - SCP COMPONENT 5752-SC1-31
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche, 3/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJB6-6003

DOS/VS ANALYSIS PROGRAM 1 (AP-1) LISTINGS - SCP COMPONENT 5745-SC-APC
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
AP-1 is a program designed to provide testing capacity to analyze the operational status of a 3350/3344 in reading, writing and arm movement. It can also scan for unreadable data and determine whether an error is drive or media related.
Microfiche, 3/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJB6-6004

OS/VS1 ANALYSIS PROGRAM 1 (AP-1) LISTINGS - SCP COMPONENT 5741-SC1-31
Microfiche program listings for OS/VS1 Analysis Program 1 (AP-1); Program Number 5741-VS1.

Microfiche, 4/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJB6-6006

IBM 3800 PRINTING SUBSYSTEM ICR (UY99914) 5742-017
INDEX
Microfiche program listings for IBM 3800 Printing Subsystem for SVS ICR (UY99914). Intended for IBM support personnel and system programmers who diagnose and fix errors in the ICR Source code listings for the ICR.
Microfiche, 10/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJB6-6007

OS/VS2 (SVS) ICR FOR THE 3850 MSS AND ENHANCED VSAM
INDEX
Microfiche Program Listings for Program Number 5742-017 (SVS) for the 3850 MSS and Enhanced VSAM.
Microfiche, 246 cards, 1/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJB6-6008

OS/VS2 (SVS) ICR FOR THE 3850 ALLOCATION TO MOUNTED VOLUMES
Microfiche Program Listings for Program Number 5745-017 (SVS) for the 3850 Allocation to Mounted Volumes ICR.
Microfiche, 45:1 reduction, 38 cards, 6/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJB6-6009

DOS/VS POWER/VS IBM 3800 PRINTING SUBSYSTEM ICR PROGRAM LISTING MICROFICHE
Contains SCP program listings for DOS/VS as specified in the title.
Microfiche, 16 cards, 10/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJB6-6010

DOS/VS REL 34 IBM 3800 PRINTING SUBSYSTEM ICR PROGRAM LISTING MICROFICHE, 5745-010
Microfiche Program Listings for:
DOS/VS Rel. 34
IBM 3800 Printing Subsystem ICR
5745-010
Microfiche, 9 cards, 12/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJB6-6011

DOS/VS REL 35 (5747-CC1) 3800 PRINTING SUBSYSTEM ICR MICROFICHE LISTINGS
Microfiche Program Listings for: DOS/VS Release 35 (5747-CC1) IBM 3800 Printing Subsystem ICR
Microfiche, 9 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

GJD1-0001

SYSTEM/370 MODELS 158/168 SYSGEN ICR OS RELEASE 21.6
PROGRAM NO. 360S-OS-609
Contains Type I OS program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GJD1-1100

OS REL. 21.0- 21.7, VS1 REL. 1.0- 3.0, VS2 REL. 1.0- 1.6
SYSTEM MODIFICATION PROGRAM LISTINGS, PROG. NO. 360S-DN-611
AND COMPONENT NOS. 5741-SCI-30, 5742-SCI-30
Contains Type I OS program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GJD1-1480

IBM OPERATING SYSTEM/360 DOS EMULATOR PROGRAM FOR
SYSTEM/370 MODELS 145 AND 155 - PROGRAM NUMBER 360C-EU-738
Microfiche Assembler Listing DOS Emulator under OS/MPT and OS/MVT.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GJD1-1640

EMULATOR OS 165/7094, PROG 360C-EU-740 VERSION 3
LEVEL 0, COMPONENT OF SBOF-6443
This document contains Type I OS program listings and DOS/OS PTF listings.
Included is Version 3 level 0 for 360C-EU-740
Microfiche, 3/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

GJD1-1641

EMULATOR OS 165/7070-74 PROG 360C-EU-739 VERSION 2
LEVEL 0, COMPONENT OF SBOF-6445
This document contains Type I OS program listings and DOS/OS PTF listings.
Included is Version 2, level 0 for 360C-EU-739
Microfiche, 3/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

GJD1-1642

7080 EMULATOR FOR SYSTEM/370 MODEL 165 UNDER OFFERATING
SYSTEM/360, LISTINGS - PRG 360C-EU-737, CCMFONENT
OF SBOF-6442
Included is Version 2 level 0 for 360C-EU-737
Microfiche, 3/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

GJD1-1643

EMULATOR FOR 7074 ON S/370 MODEL 155 UNDER OS
COMPONENT OF SBOF-6444, LISTINGS - PROG 360C-EU-741
This document contains Type I OS program listings and DCS/OS PTF listings.
Microfiche, 3/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

GJD1-2063

DISK OPERATING SYSTEM MODEL 155 EMULATOR
MICROFICHE LISTINGS - PROGRAM NUMBER 360N-EU-490
These cards contain assembled program listings for the DOS/360 Model 155 Emulator.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GJD1-2100

EMULATOR FOR 1401/1440/1460 ON THE SYSTEM/370 MODEL 155
UNDER OS MICROFICHE LISTING - PROG. NO. 360C-EU-735
Contains Type I OS program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GJD1-2150

EMULATOR FOR THE IBM 1410/7010 ON THE SYSTEM/370 MODEL 155
UNDER OS - PROG. 360C-EU-736, LISTINGS
No abstract available.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GJD1-4601

MODEL 20 EMULATOR ON S/370 USING DOS (V4) - PROGRAM NUMBER
370N-IC-002
Microfiche assembly listings of Model 20 Emulator on System/370 using DOS (V4).
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GJD1-4602

S/370 USING DOS/VS IBM EMULATOR FOR HW S200, LISTINGS
PROG. NO. 5799-ADR
Microfiche assembly listings of IBM emulator for Honeywell series 200 on S/370 using DOS/VS.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GJD1-4603

S/370 USING DCS/VS IBM EMULATOR FOR RCA 301, LISTINGS
PROG. NO. 5799-ADR
Microfiche assembly listings of IBM emulator for RCA 301 on S/370 using DOS/VS.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0001

MICROFICHE FOR OS/VS2 RELEASE 1.6 REFERENCE LISTINGS
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0010

OS/VS2 SMF (5742-SCI-02)
Contains SCP program listings for OS/VS1 and/or CS/VS2 as specified in the title.
Microfiche, 2 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0020

OS/VS2 IEHINITT (5742-SCI-UD)
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche, 5 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0030

OS/VS2 IEHSTAIR (5742-SCI-UE)
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche, 2 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0040

OS/VS2 TAPE ERP/VES (5742-SCI-CC)
Contains SCP program listings for OS/VS1 and/or CS/VS2 as specified in the title.

SJD2

Microfiche, 11 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0050

OS/VS2 IEBCEDIT (5742-SC1-U9)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 3 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0060

OS/VS2 IEBCLIST (5742-SC1-U2)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 5 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0070

OS/VS2 IEHPROGM (5742-SC1-U3)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 6 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0080

OS/VS2 CATALOG (5742-SC1-D3)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 12 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0090

OS/VS2 SMF SCHEDULER (5742-SC1-00)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 9 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0100

OS/VS2 TSO TRACE (5742-SC1-T9)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 12 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0110

OS/VS2 PASSWORD PROTECT (5742-SC1-DC)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0120

OS/VS2 TSO UTILITIES (5742-SC1-T2)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 5 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0130

OS/VS2 TSO TEST (5742-SC1-T1)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0140

OS/VS2 EXT/PREC/FLT PT SIM (5742-SC1-CP)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0160

OS/VS2 IEBCMOVE (5742-SC1-UC)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 45 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0170

OS/VS2 IEBCOPY (5742-SC1-U6)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 14 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0180

OS/VS2 IEBCGENER (5742-SC1-U7)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 14 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2

SJD2-0190

OS/VS2 IEBCUPDTE (5742-SC1-U8)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 8 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0200

OS/VS2 IEBCTPCH (5742-SC1-UA)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 6 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0210

OS/VS2 IEBCOMPR (5742-SC1-UK)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 8 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0220

OS/VS2 IEBCISAM (5742-SC1-UB)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 10 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0230

OS/VS2 IEBCDG (5742-SC1-UJ)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 13 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0240

OS/VS2 TSO EDIT (5742-SC1-TO)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 73 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0250

OS/VS2 IPL (5742-SC1-C1)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 2 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0260

OS/VS2 SUPERVISOR (5742-SC1-C5)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 209 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0270

OS/VS2 RMS (5742-SC1-CE)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 45 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0280

OS/VS2 GSP (5742-SC1-07)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 71 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0290

OS/VS2 GAM (5742-SC1-G0)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 48 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0300

OS/VS2 DIDOCS (5742-SC1-C4)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 48 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0310

OS/VS2 DSS (5742-SC1-10)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 3 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0320
OS/VS2 TSO SUPERVISOR (5742-SC1-T7)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 46 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0330
OS/VS2 SYSTEM RESTART (5742-SC1-B3)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 14 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0350
OS/VS2 ALLOCATION (5742-SC1-B4)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 108 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0360
OS/VS2 Q MANAGER (5742-SC1-B5)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 48 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0370
OS/VS2 INITIATOR (5742-SC1-B6)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 44 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0380
OS/VS2 TERMINATION (5742-SC1-B7)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 36 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0390
OS/VS2 COMMANDS (5742-SC1-B8)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 93 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0400
OS/VS2 READER/INTERPRETER (5742-SC1-B9)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 83 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0410
OS/VS2 TSO SCHEDULER (5742-SC1-T4)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 307 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0420
OS/VS2 OBR/SDR/EREP (5742-SC1-CD)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 137 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0430
OS/VS2 GTF (5742-SC1-11)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 80 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0440
OS/VS2 AMASPEAP (5742-SC1-12)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 3 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0450
OS/VS2 AMDPRDMP (5742-SC1-13)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 35 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0460
OS/VS2 AMDSADMP (5742-SC1-15)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 9 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0470
OS/VS2 AMAPTFLE (5742-SC1-16)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 6 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0480
OS/VS2 AMDPRDMP/EDIT (5742-SC1-18)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 25 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0490
OS/VS2 3735 MACROS/UTILITY (5742-SC1-22)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 4 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0530
OS/VS2 EXTENDED SVC ROUTER (5742-SC1-CF)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 2 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0540
OS/VS2 MAPPING MACROS (5742-SC1-01)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 4 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0550
OS/VS2 OLTEP (5742-SC1-06)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 84 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0560
OS/VS2 BTAM (5742-SC1-20)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 115 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0570
OS/VS2 TCAM (5742-SC1-21)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0580
OS/VS2 IEBTCRIN (5742-SC1-UG)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 102 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0590
OS/VS2 3505/3525 (5742-SC1-DD)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 13 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0600
OS/VS2 OCR (5742-SC1-D5)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0640
OS/VS2 OVERLAY SUPERVISOR (5742-SC1-C2)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 3 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2

SJD2-0650
OS/VS2 FETCH (5742-SC1-C7)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 3 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0660
OS/VS2 SAM (5742-SC1-D0)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 196 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0670
OS/VS2 PAM (5742-SC1-D2)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 4 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0680
OS/VS2 MICR (5742-SC1-D6)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 10 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0690
OS/VS2 DAM (5742-SC1-D7)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 46 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0700
OS/VS2 IOB (5742-SC1-C3)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 12 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0710
OS/VS2 DABD ERP (5742-SC1-CA)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 2 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0720
OS/VS2 UNIT RECORD ERP (5742-SC1-CB)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 20 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0730
OS/VS2 TSO SUBRTN TCAM (5742-SC1-T8)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 9 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0740
OS/VS2 TSO DATA MANAGEMENT (5742-SC1-T3)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 48 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0750
OS/VS2 IBCDMPRE (5742-SC1-I0)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 4 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0760
OS/VS2 IBCDASDI (5742-SC1-I1)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 3 cards, 90 image
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0770
OS/VS2 IEBDASDR (5742-SC1-U0)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 32 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2

SJD2-0780
OS/VS2 IEBATLAS (5742-SC1-UF)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 9 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0790
OS/VS2 SYSCUT WRITER (5742-SC1-B2)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 23 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0800
OS/VS2 ICAPRTEL (5742-SC1-I2)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 2 cards, 90 image
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0810
OS/VS2 ISAM (5742-SC1-D8)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0820
OS/VS2 CHECKPOINT/RESTART (5742-SC1-09)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0830
OS/VS2 OPEN/CLOSE/EOV (5742-SC1-D1)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 271 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0840
OS/VS2 DADSM (5742-SC1-D4)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0850
OS/VS2 LINK LOADGO PROMPTER (5742-SC1-T5)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 7 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0860
OS/VS2 LINKAGE EDITOR (5742-SC1-04)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 24 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0870
OS/VS2 LOADER (5742-SC1-05)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 6 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0880
OS/VS2 AMBLIST (5742-SC1-14)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 12 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0890
OS/VS2 ASSEMBLER XF (5742-SC1-03)
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 46 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0920
OS/VS2 3895 ICR - SVS 1.7 MICROFICHE
 Microfiche Listings of OS/VS2 5742-SC1-B4 Rel. 1.7 of SVS for all users.
 Microfiche, 24x reduction, 2 cards, 9/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0921
OS/VS2 3895 ICR - SVS 1.7 MICROFICHE
 Microfiche Listings of OS/VS2 5742-SC1-B7 Rel. 1.7 of SVS for all users.
 Microfiche, 24x reduction, 2 cards, 9/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0922
OS/VS2 3895 ICR - SVS 1.7 MICROFICHE
 Microfiche listing of OS/VS2 5742-SC1-CC SVS Rel. 1.7 for all users.
 Microfiche, 24x reduction, 1 card, 9/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0923
OS/VS2 3895 ICR SVS 1.7 MICROFICHE
 Microfiche Listings of OS/VS2 5742-SC1-CD SVS Rel. 1.7 for all users.
 Microfiche, 24x reduction, 8 cards, 9/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0924
OS/VS2 3895 ICR SVS 1.7 MICROFICHE
 Microfiche Listing of OS/VS2 5742-SC1-DM SVS Rel. 1.7 for all users.
 Microfiche, 24x reduction, 3 cards, 9/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0925
OS/VS2 3895 ICR SVS 1.7 MICROFICHE
 Microfiche Listing of OS/VS2 5742-SC1-D0 SVS Rel. 1.7 for all users.
 Microfiche, 24x reduction, 1 card, 9/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-0926
OS/VS2 3895 ICR SVS 1.7 MICROFICHE
 Microfiche listing of OS/VS2 5742-SC1-D1 SVS Rel. 1.7 for all users.
 Microfiche, 24x reduction, 2 cards, 8/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-1190
3330/3333 MODEL #11 SUPPORT LISTINGS
COMPONENT NO. 5742-SC1-S1
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-1220
OS/VS2 VSAM LISTINGS - COMPONENT NO. 5742-SC1-DE
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-1280
SMP ICR FOR SVS REL 1.7 (SU63)
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 8/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-1300
OS/VS2 RELEASE 1.6 POWER WARNING FEATURE ICR 5742-SC1-0E
 Contains Type I OS program listings as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2000
IPL 5741-SC1-C1 VS1 LISTING
 This document contains Type I OS program listings and DOS/OS PTF listings.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2001
IOS 5741-SC1-C3 VS1 LISTING
 This document contains Type I OS program listings and DOS/OS PTF listings.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2002
SUPERVISOR OS/VS1 MICROFICHE LISTING - COMPONENT 5741-SC1-C5
 This document contains Type I OS program listings and DOS/OS PTF listings.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2003
MAPPING MACROS OS/VS1 COMPONENT NO. 5741-SC1-01
 Assembled listings - 2 modules.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2009
SCHEDULER-SMF 5741-SC1-00 VS1 LISTING
 This document contains Type I OS program listings and DCS/OS PTF listings.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2010
UNIT RCD ERP OS/VS1 MICROFICHE LISTING - COMPONENT 5741-SC1-CE
 This document contains Type I OS program listings and DCS/OS PTF listings.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2014
JECS 5741-SC1-B0 VS1 LISTING
 This document contains Type I OS program listings and DCS/OS PTF listings.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2015
I/P STREAM CTL OS/VS1 MICROFICHE LISTING - COMPONENT 5741-SC1-B1
 This document contains Type I OS program listings and DCS/OS PTF listings.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2016
O/P STREAM CTL OS/VS1 MICROFICHE LISTING - PROGRAM 5741-SC1-B2
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2017
SYSTEM RESTART OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-B3
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2018
ALLOCATION OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-B4
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2019
SWADS MANAGER 5741-SC1-B5 VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2020
INITIATOR OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-B6
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2021
TERMINATION OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-B7
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2022
COMMANDS OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-B8
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2023
INTERPRETER OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-B9
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as

specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2024
OS/VS1 RESTART RDR/DSDR PROCESSING (5741-SC1-B0)
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2025
SYSTEM LOG OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-BE
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2026
WTP OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-BF
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2027
MSI 5741-SC1-BG VS1 LISTING
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2028
IMCJOBQD 5741-SC1-17 VS1 LISTING
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2030
DIDOC8 OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-C4
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2031
GAM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-G0
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2032
GSP OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-07
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2033
RMS OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-CE
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2034
OS/VS1 SYSTEM ASSEMBLER COMPONENT NO. 5741-SC1-03
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2038
ORR/ERBP/RDE OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-CD
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2041
GTF OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-11
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2042
HMASPZAP OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-12
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2043
RMOPRDMP OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-13
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2044
HMDSADMP 5741-SC1-15 VS1 LISTING
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2045
BMAPTFLE 5741-SC1-16 VS1 LISTING
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2046
OLTEP OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-06
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2047
REL 4,5 EXTENDED SVC ROUTER 5741-SC1-CF VS1 LISTING (REL 6 NOW IN SJD2-2002)
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2048
IFBLIST MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-02
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2049
OS/VS1 BTAM LISTINGS, SCP COMPONENT 5741-SC1-20
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche, B5 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2050
OS/VS1 TCAM LEVEL 2 (5744-MW1)
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2051
OCR OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-D5
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2053
IRBTGRIN OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-UG
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2054
CHECKPOINT RESTART OS/VS1 MICROFICHE LISTING - COMPONENT 5741-SC1-09
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2055
FTCH OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-C7
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.

Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2056

OVERLAY SUPERVISOR MICROFICHE LISTING - COMPONENT NUMBER
5741-SCI-C2
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2057

SAM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SCI-D0
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2058

OPEN/CLOSE/EOV OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
5741-SCI-D1
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2059

PAM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SCI-D2
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2060

DADEM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
5741-SCI-DA
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2061

MICR OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
5741-SCI-DE
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2062

DAM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SCI-D7
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2063

ISAM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
5741-SCI-DE
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2064

JAM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SCI-D9
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2067

DASD ERP OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
5741-SCI-CA
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2068

OS/VS1 LINKAGE EDITOR MICROFICHE LISTING - COMPONENT NUMBER
5741-SCI-04
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2069

LOADER OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
5741-SCI-05
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2074

JESCOMPATINT 5741-SCI-DB VS1 LISTING
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2076

RMBLIST OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
5741-SCI-14
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2077

IBCDMPRS 5741-SCI-10 VS1 LISTING
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2078

IBCDASDI MICROFICHE LISTING - COMPONENT NUMBER 5741-SCI-11
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2079

ICAPRTBL 5741-SCI-12 VS1 LISTING
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2080

IEHDASDR OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
5741-SCI-U0
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2081

IEHIOSUP 5741-SCI-U1 VS1 LISTING
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2082

IEHATLAS OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
5741-SCI-UP
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2084

CRJE OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
5741-SCI-0A
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2085

IEBCOPY 5741-SCI-U6 VS1 LISTING
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2086

OS/VS1 COMPONENT NO. 5741-SCI-U7, IEBCOPY, LISTINGS
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2087

IEBUPDTE OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
5741-SCI-U8
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2088

IEBPTCH OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
5741-SCI-0A
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche

SJD2

SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2089

OS/VS1 COMPONENT NO. 5741-SC1-UK, IEBCOMPR LISTINGS
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2090

IEBISAM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-UH
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2091

IEBDG OS/VS1 MICROFICHE LISTING 5741-SC1-UJ
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2092

IEHMOVE OS/VS1 MICROFICHE LISTING 5741-SC1-UC
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2094

SMF OS/VS1 MICROFICHE LISTING COMPONENT NUMBER - 5741-SC1-02
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2096

OS/VS1 COMPONENT, NO. 5741-SC1-U3, IEHPROGM LISTINGS
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2097

OS/VS1 COMPONENT NO. 5741-SC1-UD IEHINIT, LISTINGS
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2098

OS/VS1 COMPONENT NO. 5741-SC1-UE, IEHSTATR LISTINGS
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2099

CATALOG OS/VS1 MICROFICHE LISTING 5741-SC1-D3
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2100

PASSWORD PROTECT OS/VS1 MICROFICHE LISTING COMPONENT NUMBER - 5741-SC1-DC
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2101

TAPE ERP/VES 5741-SC1-CC VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2102

IEBEDIT 5741-SC1-D9 VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2105

RES 5741-SC1-BE VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2106

HMDPRDMP EDIT 5741-SC1-18 VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2107

RES ACCT FACILITY 5741-SC1-BC VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2108

3505 3525 READER PUNCH 5741-SC1-DD VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2110

EX P/P SIMULATOR 5741-SC1-CP VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2111

NIP OS/VS1 LISTING, SCP COMPONENT 5741-SC1-C8
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2113

VTAM 5741-SC1-23 VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2114

OS/VS1 IDCAMS MICROFICHE ASSEMBLY LISTINGS, 5741-SC1-DK
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2115

3890 DOC PROC 5741-SC1-DF VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2116

3886 OCR 5741-SC1-EL VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2118

OS/VS1 VSAM, COMPONENT NO. 5741-SC1-DE LISTINGS
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2120

BMASMP 5741-SC1-30 VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2121

POWER WARNING FEATURE 5741-SC1-0E VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2122
ISSP 5741-SC1-BK VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2124
TCAM 5741-SC1-21 VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2125
OS/VS1 TCAM LEVEL 5 OBR/SDR/EREP SUPPORT - PROGRAM NUMBER 5741-SC1-CD
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2128
SYSGEN 5741-SC1-S1 VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2129
IMCOSJOD 5741-SC1-19 VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2131
OS/VS1 3540 DISKETTE SUPPORT - SCP COMPONENT 5741-SC1-DN
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2132
MSSC 5741-SC1-DP VS1 LISTING
 MSSC Microfiche - For all users
 Microfiche, 32 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2133
SSS HOST SUPPORT 5741-SC1-SSS VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2134
TOLTEP 5741-SC1-OC VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2135
3540 DISKETTE 5741-SC1-BL VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2138
AP-1 5741-SC1-31 VS1 LISTING
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2139
DSM ERP 5741-SC1-CI VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2140
JOB LIST MGR 5741-SC1-BJ VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2141
MSCTC 5741-SC1-DQ VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.

Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2142
MSVC 5741-SC1-ER VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 48 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2143
MSSDA 5741-SC1-DS VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2144
TRACB 5741-SC1-DT VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 8 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2145
SERV 5741-SC1-ED VS1 LISTING
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 135 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2146
OS/VS1 GENERAL INDEX NEW IN REL. 05.0 - SCP COMPONENT 5741-SC1-YY
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2147
COMPONENT INDEX 5741-SC1-ZZ VS1 LISTING
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2148
MSS RECOVERY MGMT 5741-SC1-BZ VS1 LISTING
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2149
IEBIMAGE 5741-SC1-UM VS1 LISTING
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2151
OS/VS1 ASSEMBLER, SCP 5741-AS1, MICROFICHE LISTINGS
 Microfiche for all users of VS1 6.7.
 Microfiche reduced 45x, 5 cards, 11/78
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2152
OS/VS1 BASE CONTROL PROGRAM EBA1101 5741-EA1 MICROFICHE LISTINGS
 Microfiche for all users of VS1 6.7
 Microfiche reduced 45x, 114 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2153
OS/VS1 BASIC TELECOMMUNICATIONS ACCESS METHCI 5741-BT1 MICROFICHE LISTINGS
 Microfiche for all users of VS1 6.7
 Microfiche reduced 45x, 7 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2154
OS/VS1 DATA MANAGEMENT 5741-DM1 MICROFICHE LISTINGS
 Microfiche for all users of VS1 6.7
 Microfiche reduced 45x, 205 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2155
OS/VS1 DATA MANAGEMENT SUPPORT 5741-DS1 MICROFICHE LISTINGS
 Microfiche for all users of VS1 6.7
 Microfiche, reduced 45x, 26 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2156
OS/VS1 ENVIRONMENT, RECCORDING, EDITING AND PRINT PROGRAM 5744-ER1 MICROFICHE LISTINGS
 Microfiche for all users of VS1 6.7

- Microfiche reduced 45x, 41 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2157
OS/VS1 GRAPHICS ACCESS METHOD/GRAPHICS PROGRAM SERVICE, SCP 5741-GAL, MICROFICHE LISTINGS
Microfiche for all users of VS1 6.7.
Microfiche reduced 45x, 3 cards, 11/78
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2158
OS/VS1 GRAPHICS SUBROUTING PACKAGE SCP 5741-GS1 MICROFICHE LISTINGS
Microfiche for all users of VS1 6.7
Microfiche reduced 45x, 5 cards, 12/78
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2159
OS/VS1 MICR/OCR, SCP 5741-MO1, MICROFICHE LISTINGS
Microfiche for all users of VS1 6.7.
Microfiche reduced 45x, 12 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2160
OS/VS1 REL 601 - OBR/EREP
No Abstract Available
Microfiche, 31 cards, 2/77
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2161
OS/VS1 TELECOMMUNICATIONS ACCESS METHOD VERSION 0 5741-TCL MICROFICHE LISTINGS
Microfiche for all users of VS1 6.7.
Microfiche reduced 45x, 114 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2162
OS/VS1 SELECTABLE UNIT 3 (SSS R5, SUID 5741-603) LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche, 45X Reduction, 6 cards, 4/77
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2163
OS/VS1 SELECTABLE UNIT 604 MICROFICHE SUID 5741-604
Microfiche listings for all users of selectable unit 604 to OS/VS1.
Microfiche, reduced 45x, 8 cards, 8/77
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2164
OS/VS1 SELECTABLE UNIT 605 MICROFICHE (SUID 5741-605)
Microfiche for all users of Selectable Unit 605 to OS/VS1.
Microfiche, reduced 45x, 52 cards, 4/77
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2165
OS/VS1 SELECTABLE UNIT 606 MICROFICHE SUID 5741-606
Microfiche for all users of selectable unit 606 to OS/VS1.
Microfiche, reduced 45x, 23 cards, 10/77
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2171
OS/VS1 TELECOMMUNICATIONS ACCESS METHOD VERSION 1 5735-RC1 MICROFICHE LISTINGS
Microfiche for all users of VS1 6.7.
Microfiche reduced 45x, 64 cards, 6/78
SLSS - ORDER NO. SUBSCRIPTION ONLY
- IJD2-2172
OS/VS1 TELECOMMUNICATIONS ACCESS METHOD VERSION 1 5735-RC1 MICROFICHE LISTINGS
Microfiche for all purchasers of this product to VS1 6.7.
OS/VS1.
Microfiche reduced 45x, 89 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- IJD2-2173
OS/VS1 TELECOMMUNICATIONS ACCESS METHOD VERSION 1 5735-RC1 MICROFICHE LISTINGS
Microfiche for all users of VS1 6.7.
Microfiche reduced 45x, 21 cards, 6/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- SJD2-2174
OS/VS1 VIRTUAL TELECOMMUNICATIONS (SNA3) 5735-RC2 MICROFICHE LISTINGS
Microfiche for all users of VS1 6.7.
Microfiche reduced 45x, 33 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY
- BJD2-2178
OS/VS1 VPSS 5742-VP1 MICROFICHE LISTINGS
Microfiche for all users of Selectable Unit 619 for OS/VS1.
Microfiche, Reduced 45x, 33 cards, 10/77
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2179
OS/VS1 SELECTABLE UNIT 620 MICROFICHE SUID 5741-620
Microfiche for all users of selectable unit 620 to OS/VS1.
Microfiche reduced 45x, 20 cards, 4/78
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2181
OS/VS1 SELECTABLE UNIT 622 MICROFICHE SUID 5741-622
Microfiche listings for all users of selectable unit 22 to OS/VS1.
Microfiche, reduced 45x, 26 cards, 7/77
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2182
SMP ICR PCR VS1-5 REI 03.0, SUID 5741-622
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche, 8/77
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2183
OS/VS1 DISPLAY EXCEPTION MONITORING FACILITY, LIC PROG 5741-DE1, MICROFICHE LISTINGS
Microfiche for all users of VS1 6.7.
Microfiche reduced 45x, 2 cards, 11/78
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2185
OS/VS1 MASS STORAGE SYSTEM 5741-MS1 MICROFICHE LISTINGS
Microfiche for all users of VS1 6.7
Microfiche reduced 45x, 81 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2186
OS/VS1 PROGRAM MANAGEMENT 5741-PM1 MICROFICHE LISTINGS
Microfiche for all users of VS1 6.7
Microfiche reduced 45x, 7 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2187
OS/VS1 CONVERSATIONAL REMOTE JOB ENTRY SCP 5741-RJ1 MICROFICHE LISTINGS
Microfiche for all users of VS1 6.7
Microfiche reduced 45x, 14 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2188
OS/VS1 SERVICE AIDS 5741-SA1 MICROFICHE LISTINGS
Microfiche for all users of VS1 6.7
Microfiche reduced 45x, 27 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2189
OS/VS1 SUBSYSTEM SUPPORT SERVICES SCP 5741-SS1 MICROFICHE LISTINGS
Microfiche for all users of VS1 6.7
Microfiche reduced 45x, 24 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2190
OS/VS1 SYSTEMS SUPPORT 5741-ST1 MICROFICHE LISTINGS
Microfiche for all users of VS1 6.7
Microfiche reduced 45x, 1 card
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2191
OS/VS1 SUPPORT 5741-SX1 MICROFICHE LISTINGS
Microfiche for all users of VS1 6.7
Microfiche reduced 45x, 19 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2192
OS/VS1 UTILITIES 5741-UT1 MICROFICHE LISTINGS
Microfiche for all users of VS1 6.7
Microfiche reduced 45x, 19 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2193
OS/VS1 VIRTUAL TELECOMMUNICATIONS (SNA2) 5741-VT2 MICROFICHE LISTINGS
Microfiche for all users of VS1 6.7
Microfiche reduced 45x, 149 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-2419
SSP MODULES FOR OS/VS - RELEASE 3.1 LISTINGS - PROG. NO. 5744-BA2
Contains SCP program listings for OS/VS1 and/or OS/VS2 as

specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GJD2-4002

370 DOS BTAM, MICROFICHE LISTING, PROG. NO. 370N-CQ-469
Contains Type I DOS program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4103

3705-OS/VS-ASM PROGRAM LISTING MICROFICHE INDEPENDENTLY
DISTRIBUTED PROGRAM 5744-AN1
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4104

IBM 3705 EMULATOR PROGRAM FOR VIRTUAL STORAGE - MICROFICHE
PROGRAM NOS. 5735-SCI, 5744-AN1, 5747-AG1
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

LJD2-4106

3704/5 EMULATOR PRPQ P85004 SIX BIT TRANSCODE - PROGRAM
NUMBER 5799-AGA
This PRPQ provides for decoding Six Bit Transcode control characters and performing standard BSC control functions. Also included is the capability of accumulating a special CRC for Six Bit Transcode and the capability for Transparent Mode operation.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJD2-4107

3705/4 EP PRPQ P85007 SPECIAL START-STOP - PROGRAM NUMBER
5799-AGK
This PRPQ provides for support of special start-stop equipment. Operation is in half-duplex mode at 1200 bits/second. Data is transparent; there is no checking for control characters. The Reverse Channel Feature is supported in conjunction with a hardware RPQ to the 3705.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SJD2-4108

3704/3705 SSP - DOS/VS (5747-AG1)
This microfiche is the program listing for the IBM 3704 and IBM 3705 Communications Controllers' System Support Program under DOS/VS.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4109

3704/3705 NETWORK CONTROL PROGRAM PROGRAM LISTINGS
No. 5744-BA1
This microfiche contains the program listings for the program appearing in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GJD2-4112

3705 USASCII TRANSPARENCY (PRPQ P85009) MICROFICHE,
PROG. NO. 5799-AFZ
Contains program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4120

DOS/VS SSP MODULES, LISTINGS - PROG. NO. 5747-AJ2
Contains SCP program listings for DOS/VS as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4121

NCP MODULES FOR OS/VS - LISTINGS - PROG. NO. 5744-BA2
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4122

DOS/VS NCP LISTINGS - PROG. NO. 5747-AJ2
Contains SCP program listings for DOS/VS as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4129

NCP 5.0, CS/VS SCP 5744-EA2
No abstract available
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4130

NCP 5.0, DCS/VS SCP 5747-AJ2
No abstract available
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4131

EP 3.0 OS/VS SCP 5744-AN1
No abstract available.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4133

EP 3.0, CS PROG 360H-TX-035
No abstract available
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4138

ACF/NCP/VS REL 2 NCP/SSP MODULES 5747-CB1, MICROFICHE
LISTINGS
Microfiche program listings for ACF/NCP/VS.
Microfiche, 3.25 x 7.375 inches, 34 cards, 4/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4139

ACF/NCP/VS REL 2 NCP/SSP MODULES 5747-CB1, MICROFICHE
LISTINGS
Microfiche program listings for ACF/NCP/VS.
Microfiche, 3.25 x 7.275 inches, 28 cards, 4/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

LJD2-4140

ACF/NCP/VS REL 2 NCP MODULES 5735-XX1, MICROFICHE LISTINGS
Microfiche program listings for ACF/NCP/VS.
Microfiche, 3.25 x 7.375 inches, 278 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJD2-4141

ACF/NCP/VS REL 2 NCP MODULES 5735-XX1 MICROFICHE LISTINGS
Microfiche program listings for ACF/NCP/VS.
Microfiche, 3.25 x 7.375 inches, 278 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJD2-4142

ACF/NCP/VS REL 2 SSP MODULES 5735-XX3, MICROFICHE LISTINGS
LIC PROG 5735-XX3
Microfiche program listings for ACF/NCP/VS
Microfiche, 3.25 x 7.375 inches, 10 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJD2-4143

ACF/NCP VS REL 2 SSP MODULES 5745-XX3, MICROFICHE LISTINGS
Microfiche program listings for ACF/NCP/VS.
Microfiche, 3.25 x 7.375 inches, 11 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SJD2-4200

OS/VS2 RELEASE 3.7 SYSTEM CROSS REFERENCE
Contains SCP program listings for OS/VS1 and/or CS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4230

OS/VS2 RELEASE 2.0 JES2 5752-SC1-BB
Contains SCP program listings for OS/VS1 and/or CS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4240

OS/VS2 RELEASE 2.0 EXTERNAL WRITER 5752-SC1-E2
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4250

OS/VS2 RELEASE 2.0 SCHEDULER RESTART 5752-SC1-B3
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4260
OS/VS2 RELEASE 2.0 ALLOC/UNALLOCATE 5752-SC1-B4
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4270
OS/VS2 RELEASE 2.0 SWA MANAGER 5752-SC1-B5
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4280
OS/VS2 RELEASE 2.0 INITIATOR TERMINATOR 5752-SC1-B6
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 MICROFICHE
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4300
OS/VS2 RELEASE 2.0 SYSTEM COMMANDS (SVC34) 5752-SC1-B8
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4310
OS/VS2 RELEASE 2.0 CONVERTER/INTERPRETER 5752-SC1-B9
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4320
OS/VS2 RELEASE 2.0 DASD ERP 5752-SC1-CA
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4330
OS/VS2 RELEASE 2.0 UNIT RECORD ERP 5752-SC1-CB
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4340
OS/VS2 RELEASE 2.0 TAPB ERP 5752-SC1-CC
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4350
OS/VS2 RELEASE 2.0 OBR/ERP/RDE 5752-SC1-CD
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4360
OS/VS2 RELEASE 2.0 RMS 5752-SC1-CE
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4370
OS/VS2 RELEASE 2.0 EXTEND SVC ROUTER 5752-SC1-CF
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4380
OS/VS2 RELEASE 2.0 BVC 109 5752-SC1-CG
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4390
OS/VS2 RELEASE 2.0 VIRTUAL STORAGE MANAGER 5752-SC1-CH
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4400
OS/VS2 RELEASE 2.0 CONTENTS SUPERVISOR 5752-SC1-CJ
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4410
OS/VS2 RELEASE 2.0 COMMUNICATOR TASK 5752-SC1-CK
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4420
OS/VS2 RELEASE 2.0 TASK MAN 5752-SC1-CI
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4430
OS/VS2 RELEASE 2.0 RECOVERY TERMINATION 5752-SC1-CM
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4440
OS/VS2 RELEASE 2.0 EXT FLOATING POINT 5752-SC1-CF
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4450
OS/VS2 RELEASE 2.0 MF/1 5752-SC1-CQ
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4460
OS/VS2 RELEASE 2.0 REAL STORAGE MAN 5752-SC1-CE
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4470
OS/VS2 RELEASE 2.0 REGION CONTROL TASK 5752-SC1-CU
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4480
OS/VS2 RELEASE 2.0 TIMER SUPERVISION 5752-SC1-CV
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4490
OS/VS2 RELEASE 2.0 AUXILIARY STORAGE MAN 5752-SC1-CW
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4500
OS/VS2 RELEASE 2.0 SYSTEM RESOURCE MANAGEMENT 5752-SC1-CX
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4510
OS/VS2 RELEASE 2.0 RADIX PARTITION 5752-SC1-CY
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4520
OS/VS2 RELEASE 2.0 MP RECCNFIGURATION 5752-SC1-CZ
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4540
OS/VS2 RELEASE 2.0 OVERLAY SUPERVISOR 5752-SC1-C2
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4550
OS/VS2 RELEASE 2.0 IOS 5752-SC1-C3
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4560
OS/VS2 RELEASE 2.0 DIDOCS 5752-SC1-C4
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4570
OS/VS2 RELEASE 2.0 SUPERVISOR CONTROL 5752-SC1-C5
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4580
OS/VS2 RELEASE 2.0 EXCP 5752-SC1-C6
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4590
OS/VS2 RELEASE 2.0 FETCH 5752-SC1-C7
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4600
OS/VS2 RELEASE 2.0 NIP 5752-SC1-C8
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4610
OS/VS2 RELEASE 2.0 IPL 5752-SC1-C9
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4620
OS/VS2 RELEASE 2.0 BLOCK PROCESSOR 5752-SC1-DA
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4630
OS/VS2 RELEASE 2.0 SAM SUBSYSTEM INTERFACE 5752-SC1-DB
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4640
OS/VS2 RELEASE 2.0 PASSWORD PROTECT 5752-SC1-DC
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4650
OS/VS2 RELEASE 2.0 3505/3525 READER 5752-SC1-DD
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Fiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4660
OS/VS2 RELEASE 2.0 VSAM 5752-SC1-DE
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4670
OS/VS2 RELEASE 2.0 3890 DOCUMENT PROCESSOR 5752-SC1-DF
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4680
OS/VS2 RELEASE 2.0 VEP(VIQ) 5752-SC1-DG
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4690
OS/VS2 RELEASE 2.0 CATALOG CONTROLLER 5752-SC1-DH
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4700
OS/VS2 RELEASE 2.0 WINDOW INTERCEPT 5752-SC1-DJ
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4710
OS/VS2 RELEASE 2.0 ACCESS METHOD SERVICES 5752-SC1-DK
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4720
OS/VS2 RELEASE 2.0 3886 OCR 5752-SC1-DL
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4730
OS/VS2 RELEASE 2.0 SAM 5752-SC1-DO
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4740
OS/VS2 RELEASE 2.0 OPEN/CLCSE/EOV 5752-SC1-D1
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4750
OS/VS2 RELEASE 2.0 BPAM 5752-SC1-D2
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4770
OS/VS2 RELEASE 2.0 DADSM 5752-SC1-D4
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4780
OS/VS2 RELEASE 2.0 OCR 5752-SC1-D5
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4790
OS/VS2 RELEASE 2.0 MICR 5752-SC1-D6
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4800
OS/VS2 RELEASE 2.0 BEAM 5752-SC1-D7
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4810
OS/VS2 RELEASE 2.0 ISAM 5752-SC1-D8
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4820
OS/VS2 RELEASE 2.0 GAM 5752-SC1-G0
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4830
OS/VS2 RELEASE 2.0 IBCDMPRS 5752-SC1-I0
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4840
OS/VS2 RELEASE 2.0 IBCDASDI 5752-SC1-I1
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4850
OS/VS2 RELEASE 2.0 ICAPRTBI 5752-SC1-I2
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4860
OS/VS2 RELEASE 2.0 TSO EDIT 5752-SC1-T0
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJ02-4870
OS/VS2 RELEASE 2.0 TSD TEST 5752-SC1-T1
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4880
OS/VS2 RELEASE 2.0 TSO UTILITIES 5752-SC1-T2
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4890
OS/VS2 RELEASE 2.0 TSO TIQC 5752-SC1-T3
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4900
OS/VS2 RELEASE 2.0 TSO SCHEDULER 5752-SC1-T4
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4910
OS/VS2 RELEASE 2.0 TSO LINK LOADGO PROMP 5752-SC1-T5
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4930
OS/VS2 RELEASE 2.0 UTILITIES DEBTPCH 5752-SC1-DA
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4940
OS/VS2 RELEASE 2.0 UTILITIES IEBMOVE 5752-SC1-UC
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4950
OS/VS2 RELEASE 2.0 UTILITIES IEBINITT 5752-SC1-UE
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4960
OS/VS2 RELEASE 2.0 UTILITIES IEBSTATR 5752-SC1-UF
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4970
OS/VS2 RELEASE 2.0 UTILITIES IEBATLAS 5752-SC1-UF
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJ02-4980
OS/VS2 RELEASE 2.0 UTILITIES IEBTCRIN 5752-SC1-DG
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4990
OS/VS2 RELEASE 2.0 UTILITIES IEBISAM 5752-SC1-UH
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5000
OS/VS2 RELEASE 2.0 UTILITIES IEBDGG 5752-SC1-WJ
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5010
OS/VS2 RELEASE 2.0 UTILITIES IEBCOMPR 5752-SC1-UK
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5020
OS/VS2 RELEASE 2.0 UTILITIES IEBUCAT 5752-SC1-UY
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5030
OS/VS2 RELEASE 2.0 UTILITIES IEBDASDR 5752-SC1-U0
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5040
OS/VS2 RELEASE 2.0 UTILITIES IEBLIST 5752-SC1-U2
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5050
OS/VS2 RELEASE 2.0 UTILITIES IEBPROGM 5752-SC1-U3
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5060
OS/VS2 RELEASE 2.0 UTILITIES IEBCOPY 5752-SC1-U6
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5070
OS/VS2 RELEASE 2.0 UTILITIES IEBGENER 5752-SC1-U7
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5080
OS/VS2 RELEASE 2.0 UTILITIES IEBUPDTE 5752-SC1-U8
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5090
OS/VS2 RELEASE 2.0 UTILITIES IEBEDIT 5752-SC1-U9
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5110
OS/VS2 RELEASE 2.0 POWER WARNING FEATURE 5752-SC1-OE
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5120
OS/VS2 RELEASE 2.0 SCHEDULER SMF 5752-SC1-00
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5130
OS/VS2 RELEASE 2.0 MAPPING MACROS 5752-SC1-01
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5140
OS/VS2 RELEASE 2.0 SMF 5752-SC1-02
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5150
OS/VS2 RELEASE 2.0 ASSEMBLER 5752-SC1-03
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5160
OS/VS2 RELEASE 2.0 LINKAGE EDITOR 5752-SC1-04
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5170
OS/VS2 RELEASE 2.0 LOADER 5752-SC1-05
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5180
OS/VS2 RELEASE 2.0 OLTEP 5752-SC1-06
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5190
OS/VS2 RELEASE 2.0 GSP 5752-SC1-07
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5200
OS/VS2 RELEASE 2.0 CHECKPOINT RESTART 5752-SC1-09
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5210
OS/VS2 RELEASE 2.0 DSS 5752-SC1-10
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5220
OS/VS2 RELEASE 2.0 GTF 5752-SC1-11
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5230
OS/VS2 RELEASE 2.0 AMASPZAF 5752-SC1-12
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5240
OS/VS2 RELEASE 2.0 AMDPRDMP 5752-SC1-13
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5250
OS/VS2 RELEASE 2.0 AMBIIST 5752-SC1-14
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5260
OS/VS2 RELEASE 2.0 AMDGADMP 5752-SC1-15
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5270
OS/VS2 RELEASE 2.0 AMPTFLE 5752-SC1-16
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5280
OS/VS2 RELEASE 2.0 AMDPRDMP EDIT 5752-SC1-18
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5290
OS/VS2 RELEASE 2.0 BTAM 5752-SC1-20
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5300
OS/VS2 RELEASE 2.0 TCAM 5752-SC1-21
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5320
OS/VS2 RELEASE 2.0 VIAM 5752-SC1-23
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5330
OS/VS2 REL 815 - SMP - 5752-SC1-30
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche, 7/76
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5360
OS/VS2 RELEASE 03.0 ERIC 2 LISTINGS - COMPONENT NO. 5752-SC1-DN
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5380
OS/VS2 RELEASE 03.0 VVIC LISTINGS COMPONENT NO. 5752-SC1-DR
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY
 PLOS/VS

SJD2-5400
OS/VS2 RELEASE 03.0 MSS TRACE REPORT LISTINGS
COMPONENT NO. 5752-SCI-DT
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5410
OS/VS2 RELEASE 03.0 MSS UTILITIES LISTINGS - COMPONENT
NO. 5752-SCI-DU
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5420
OS/VS2 RELEASE 03.0 TOLTEP LISTINGS - COMPONENT NO.
5752-SCI-OC
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5440
OS/VS2 RELEASE 03.0 DEMTC LISTINGS - COMPONENT NO.
5752-SCI-DQ
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5450
OS/VS2 RELEASE 03.0 HOST SUPPORT SSS LISTINGS - COMPONENT
NO. 5752-SCI-SS
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5460
OS/VS2 RELEASE 03.0 DSM ERP LISTINGS - COMPONENT NO.
5752-SCI-CI
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5470
OS/VS2 RELEASE 03.7 MSS RECOVERY MGMT LISTINGS, SCP
COMPONENT 5752-SCI-BZ
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6000
OS/VS2 SU01 801 LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 164 cards, 12/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6001
OS/VS2 802 SU02 LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 11 cards, 12/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6002
OS/VS2 SU4 LISTINGS, SUID 5752-804
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 22 cards, 12/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6003
OS/VS2 SU05 805 LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 15 cards, 12/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6004
OS/VS2 813 SU13 LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 24 cards, 12/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6005
OS/VS2 SU10 810
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 30 cards, 12/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6006
OS/VS2 SU07 807
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 153 cards, 12/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6007
OS/VS2 SU8 LISTINGS, SUID 5752-808
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 28 cards, 12/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6008
OS/VS2 SU17 LISTINGS, SUID 5752-817
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 20 cards, 12/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6009
OS/VS2 827 SU27 LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 39 cards, 12/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6010
OS/VS2 SU21 LISTINGS, SUID 5752-821
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 21 cards, 12/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6011
OS/VS2 848 SU48, LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 8 cards, 12/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6012
OS/VS2 SU25 LISTINGS, SUID 5752-825
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 9 cards, 12/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6013
OS/VS2 816 SU16, LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 28 cards, 12/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6014
OS/VS2 824 SU24, LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 49 cards, 12/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6015
OS/VS2 RELEASE 03.7E, RACF LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 1 card, 10/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6016
OS/VS2 RELEASE 03.7E, AP-1 ALTERNATE PATH RECOVERY
MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 2 cards, 11/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6160
OS/VS2 SUID 5752-830 MOBARK LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 7/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6161
OS/VS2 JES3 LISTINGS, SU 18 (SU ID 5752-818)
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6162
OS/VS2 MVS DUMPING IMPROVEMENTS, SUID 5752-833,
MICROFICHE DUMP
 Contains program listings as specified in the title.
 Microfiche, 5/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6163
OS/VS2 158/168 ATTACHED PROCESSOR SELECTABLE UNIT LISTINGS,
SUID 5752-847
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 10 cards, 5/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

- SJD2-6164
OS/VS2 SYSTEM SECURITY SUPPORT SELECTABLE UNIT LISTINGS, SUID 5752-832
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 20 cards, 5/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6165
OS/VS2 HARDWARE RECOVERY ENHANCEMENTS SELECTABLE UNIT LISTING SUID 5752-855
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 15 cards, 5/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6166
OS/VS2 VECTOR PROCESSING SUBSYSTEM (VPSS) SUID 5744-CK1
 Contains program listings as specified in the title.
 Microfiche, 5/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6167
OS/VS2 SMP RELEASE 3 LISTINGS - SUID 5752-863
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 5/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6168
SMP ICR FOR VS2 REL 2.0, 3.0, 3.0, 3.6 AND GENERAL INDEX
 No abstract available
 Microfiche, 27 cards, 10/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6170
OS/VS2 TCAM, SUID 5752-836, MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 118 cards, 9/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6171
OS/VS2 REL 858 VTAM, SUID 5752-858, LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 13 cards, 1/78
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6172
OS/VS2 SUID 5752-829 MVS 3838 SUPPORT MICROFICHE SOURCE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 4 cards, 9/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6173
OS/VS2 REL 840 VTAM
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 54 cards, 1/78
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6174
OS/VS2 SUID 5752-837 HOST SUPPORT SSS FICHE SOURCE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 24 cards, 8/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6175
OS/VS2 REL 859 ACF/TCAM, SCP LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 70 cards, 2/78
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6176
OS/VS2 REL 860 OPEN/DADSM/IEHLIST
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 5 cards, 1/78
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6177
VS2 SUB57 INTERACTIVE PROBLEM CONTROL SYSTEM SUID 5752-857
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 84 cards, 3/78
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6178
OS/VS2 REL 826 JES 3 RELEASE 3
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 7/78
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6197
OS/VS2 GENERAL INDEX REL 3.7
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 1 card, 2/78
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- LJD2-6200
OS/VS2 NJE FOR JES2, LISTINGS - LIC PROG 5740-XR8
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJD2-6203
OS/VS2 REL 834 VTAM, PROG NO. 5735-RC2, LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 14 cards, 1/78
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJD2-6204
OS/VS2 REL 835 VTAM, PROG NO. 5735-RC2, LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 156 cards, 1/78
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJD2-6205
OS/VS2 845 NCSP LISTINGS, SCP 5735-XX2
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, updated by TNL 5/78
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJD2-6206
VS2 REL 823, JES 3 R3 NJE (SNA), LIC PROG 5740-XR8, LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, updated by TNL 5/78
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJD2-6207
3800 UTILITY MICROFICHE 842
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 7 cards, 12/77
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJD2-6208
OS/VS2 ACF/TCAM, MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, updated by TNL 5/78
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJD2-6209
OS/VS2 846 ACF/TCAM EASE, SCP 5735-RC1, LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 92 cards, 2/78 updated by TNL 5/78
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJD2-6210
OS/VS2 SAM-E 809
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, (updated by 2-card TNL 6/78), 21 cards, 1/78
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJD2-6211
VS2 866 HIERARCHICAL STORAGE MANAGER, LIC PROG 5740-XRB, LISTINGS
MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 37 cards, 1/78
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJD2-6212
VS2 872 AMS CRYPTOGRAPHIC OPTION, LIC PROG 5740-AM8 LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJD2-6213
VS2 854 MVS/ACF/VTAM, PROG 5735-RC2 ENCRYPT/DECRYPT LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche reduced 45x, 3 cards, 5/78
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJD2-6214
OS/VS2 REL 899 HIERARCHICAL STORAGE MANAGER, LIC PROG 5740-XRB, LISTINGS
MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- SJD2-6216
OS/VS2 RELEASE 3.8 XF ASSEMBLER EAS1102, LIC PROG 5752-AS1 MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche reduced 45x, 7 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6217
OS/VS2 REL 3.8 EASE CONTRCL PROGRAM EBB1102
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche reduced 45x, 316 cards

SLSS - ORDER NO. SUBSCRIPTION ONLY

- LJD2-6218
OS/VS2 REL 3.8 TSO ENHANCEMENT JBB 1112 MICROFICHE LISTING
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche 45x, 19 cards, /79
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJD2-6219
OS/VS2 REL 3.8 MVS/SE PROG PROD JBB1122 MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, reduced 45x, 104 cards, 1/79
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- SJD2-6221
OS/VS2 REL 3.8 (BTAM) BASIC TELECOMMUNICATION ACCESS METHOD
EBT1102 MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- LJD2-6222
OS/VS2 RELEASE 3.8 PROGRAMMED CRYPTOGRAPHIC FACILITY
HCR1102, LIC PROG 5740-XY5, MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche reduced 45x, 7 cards
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- SJD2-6223
OS/VS2 REL 3.8 (DEMF) DISPLAY EXCEPTION MONITORING
FACILITY EDE1102 MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche reduced 45x, 2 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6224
OS/VS2 REL 3.8 MVS DATA MANAGEMENT EDM1102
MICROFICHE LISTING
 Get PL OS/VS2
 Microfiche reduced 45x, 250 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- LJD2-6225
OS/VS2 REL 3.8 MVS SAM-EXTENDED, JDM1112 PROG 5740-AM3,
MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 45x, 16 Cards
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJD2-6226
OS/VS2 RELEASE 3.8 AMS CRYPTO, JDM1122, MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche reduced 45x, 4 cards
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- SJD2-6228
OS/VS2 RELEASE 3.8 MVS DATA MANAGEMENT SUPPORT EDS1102
MICROFICHE LISTING
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, reduced 45x, 27 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- LJD2-6229
OS/VS2 REL 3.8 MVS DASDR UTILITY JDS1112 MICROFICHE LISTING
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche reduced 45x, 5 cards
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- SJD2-6232
OS/VS2 REL 3.8 (GAM-GPS) GRAPHIC ACCESS METHOD GRAPHIC
PROGRAMMING SERVICE EGA1102
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche reduced 45x, 5 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6233
OS/VS2 REL 3.8 (GSP) GRAPHIC SUBROUTINE PACKAGE
FOR FORTRAN 4, COBOL, AND PL/I LANG 5752-GS1 EGS1102
MICROFICHE LISTING
 Contains Type I OS program listings as specified in the
 title.
 Microfiche, reduced 45x, 5 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- LJD2-6234
OS/VS2 RELEASE 3.8 (HSM) MVS HIERARCHICAL STORAGE MANAGER
HHM1102, LIC PROG 5740-XRB, MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche reduced 45x, 37 cards
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- SJD2-6235
OS/VS2 REL 3.8 (IPCS) INTERACTIVE PROBLEM CONTROL
PROGRAM EIP1102 MICROFICHE LISTING
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche reduced 45x, 79 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6236
OS/VS1 RELEASE 3.8 (JES2) JOB ENTRY SUBSYSTEM 2 EJE 1102,
MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche reduced 45x, 8 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- LJD2-6237
OS/VS2 RELEASE 3.8 (NJE FCR JES2) NETWORK JCB ENTRY FACILITY
JJE1112, MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche reduced 45x, 11 cards
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- SJD2-6238
OS/VS2 RELEASE 3.8 (JES3) VERSION 2 JOB ENTRY SUBSYSTEM 3
EJS1102 MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche reduced 45x, 102 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6240
OS/VS2 REL 3.8 5752-MI1 (MICR/OCR) EMI1102 MICROFICHE
LISTINGS
 Listings for the above OS/VS2 program.
 Microfiche reduced 45x, 12 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6242
OS/VS2 REL 3.8 (MSS) MASS STORAGE SYSTEM EMS1102
MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, reduced 45x, 84 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- LJD2-6243
OS/VS2 REL 3.8 (NOSP) NETWORK OPERATION SUPPORT PROGRAM
5735-XX2 HN01102 MICROFICHE LISTINGS
 Contains Type I OS program listings as specified in the
 title.
 Microfiche, reduces 45x, 13 cards
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- SJD2-6244
OS/VS2 REL 3.8 PLR MICROFICHE INDEX, LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6245
OS/VS2 REL 3.8 PROGRAM MANAGEMENT EPM1102 FROG 5752-PM1
MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 45x, 7 Cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- LJD2-6246
OS/VS2 RELEASE 3.8 (RACF) RESOURCE ACCESS CONTROL FACILITY,
HRF1302, LIC FROG 5740-XX4, MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche reduced 45x, 33 cards
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJD2-6247
OS/VS2 REL 3.8 RMP 5740-XY4 HRM2204 MICROFICHE LISTINGS
 Listings for the above OS/VS2 program.
 Microfiche, reduced 45x, 31 cards
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJD2-6248
OS/VS2 REL 3.8 RMP HRM2205 MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- SJD2-6249
OS/VS2 RELEASE 3.8 (SSS) SUBSYSTEM SUPPORT SERVICES ESS1102
MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche reduced 45 x, 22 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJD2-6250
OS/VS2 REL 3.8 SYSTEM SUPPORT EST1102 PRCG 5752-ST1
MICROFICHE LISTINGS
 Listings for the above OS/VS1 and/or OS/VS2 program.
 Microfiche, 45x, 4 Cards

SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6251

OS/VS1 RELEASE 6.7 VERSION 2 RELEASE 3.8 (SMP) SYSTEM
MODIFICATION PROGRAM ES41400 MICROFICHE LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche reduced 45x, 56 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6256

OS/VS2 REL 3.8 (TCAM10) TELECOMMUNICATION ACCESS METHOD
ETC0108 MICROFICHE LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche, 45x, 130 slides, 1/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6257

OS/VS2 REL 3.8 (TCAM11) ACF/TCAM SCP ETC1102
MICROFICHE LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche reduced 45x, 72 cards, 1/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

LJD2-6258

OS/VS2 REL 3.8 ACF/TCAM BASE PROGRAM 5735-RC1 JTC1112
MICROFICHE LISTINGS
Contains Type I OS program listings as specified in the
title.
Microfiche, reduced 45x, 92 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJD2-6259

OS/VS2 REL 3.8 ACF/TCAM NET FEATURE JTC1122 MICROFICHE
LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SJD2-6260

OS/VS2 RELEASE 3.8 (TIOC) TERMINAL INPUT/OUTPUT CONTROLLER
FT1106 MICROFICHE LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche reduced 45x, 1 card
SLSS - ORDER NO. SUBSCRIPTION ONLY

LJD2-6261

OS/VS2 RELEASE 3.8 TSO SESSION MGR HTS1202
MICROFICHE LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche reduced 45x, 10 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SJD2-6262

OS/VS2 REL 3.8 TSO/VTAM ETV0108 PROG 5752-TV1
MICROFICHE LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche, reduced 45x, 9 Cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6263

OS/VS2 REL 3.8 UTILITIES EUT1102 MICROFICHE LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

LJD2-6264

OS/VS2 RELEASE 3.8 OFFLINE IBM 3800 UTILITIES JUT1112,
LIC PROG 5748-UT2, MICROFICHE LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche reduced 45x
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SJD2-6265

OS/VS2 RELEASE 3.8 VPSS FOR MVS, EVP1102 MICROFICHE LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche reduced 45x, 37 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6266

OS/VS2 REL 3.8 VTAM 5752-VT1 EVT0108 MICROFICHE LISTINGS
Contains Type I OS program listings as specified in the
title.
Microfiche, reduced 45x, 135 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6267

OS/VS2 REL 3.8 ACF/VTAM VER2 EVT1102 PROG 5735-RC2
MICROFICHE LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche, 45x, 35 Cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

LJD2-6268

OS/VS2 REL 3.8 ACF/VTAM BASE PP JVT1112 MICRO
FICHE LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche, 45x, 150 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJD2-6269

OS/VS2 REL 3.8 ACF/VTAM NET FEATURE 5735-RC2 JVT1122
MICROFICHE LISTINGS
Contains Type I OS program listings as specified in the
title.
Microfiche, reduced 45x, 13 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJD2-6270

OS/VS2 RELEASE 3.8 ENCRYPT/DECRYPT FEATURE JVT1132,
LIC PROG 5735-RC2, MICROFICHE LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche reduced 45x, 3 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SJD2-6271

OS/VS2 REL 3.8 XWTR EXW1102 PROG 5752-XW1
MICROFICHE LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche, 45x, 2 Cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-7200

SVS TCAM NCP/VS DIRECT - TCAM LEVEL 10
No Abstract Available
Microfiche, 700 cards, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-7201

SVS TCAM 10 XREF, PROG-PROD 5742-017 FEATURE 5074/5075
Microfiche Cross Reference of the source code of OS/VS2
Release 1.7 (SVS) Telecommunications Access Method (TCAM).
Microfiche - 3.25 x 7.375 inches, 12 cards, 11/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-7205

TIOC SUPPORT FOR TCAM 10
No Abstract Available
Microfiche, 15 cards, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-7210

OS/VS2 554 ACF/TCAM SCP
Microfiche source listings for OS/VS2 SVS ACF/TCAM
Microfiche, 4/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

LJD2-7212

OS/VS2 REL 555 ACF/TCAM BASE SCP 5735-RC1
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche reduced 24x, 48 cards, 4/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJD2-7214

OS/VS2 REL 556 ACF/TCAM NETWORKING SCP 5735-RC1
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche (low density) 24x, 4/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SJD2-7220

OS/VS2 ACF/VTAM V2 R1 SYSTEM CONTROL PROGRAM, SCF 5752-VS2,
MICROFICHE LISTINGS
No abstract available.
Microfiche (Hi Density) 45:1 Reduction, 6/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-9005

SU51, OS/VS2 MVS PROCESSOR SUPPORT LISTINGS, 5752-851
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche, 35 cards, 2/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

LJD3-3800

DOS/VS RPG II, LIC PROG 5746-RG1, MICROFICHE LISTINGS
Assembly listings - Microfiche Program Listings for DOS/VS
RPG II.
Microfiche, 28 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GL21-9071

IBM 2501 CARD READER, MODELS A AND B RPQ FEATURES
This publication describes two RPQ features; i.e. second
stacker and 51/80 column card features.
To use this publication effectively, the reader must
be familiar with the operations of the standard IBM 2501
Models A1, A2, B1, and B2. The operations of the 2501
Models A1 and A2 are described in the publication, IBM

SYSTEM/360 MODEL 20, 2501 CARD READER, Form A26-5892. The operations of the 2501 Models B1 and B2 are described in the publication, IBM 2501 MODELS B1 AND B2, COMPONENT DESCRIPTION AND OPERATING PROCEDURES, Form A21-9026. Systems Reference Library Manual, 16 pages
360,370//14//2501/

GL21-9225

IBM 7460-4 STUB CARD READER RPQ EE7595 INSTALLATION MANUAL-- PHYSICAL PLANNING

This manual provides the dimensions, weight, power requirements, operating and non-operating environment, heat output, and a plan view for the IBM 7460 Model 4 Stub Card Reader.

Manual, 4 pages
//15//7460/

GL22-6936

IBM 2914 SWITCHING UNIT MODEL 1, RPQ 880882, CUSTOM FEATURE: INSTALLATION MANUAL - PHYSICAL PLANNING

This manual contains physical planning data necessary to install the IBM 2914 Switching Unit Model 1. The planning requirements of this unit are subject to modification by engineering developments.

In any multiple-equipment installation, specifications for the most critical unit must be met.

Manual, 22 pages
//15//2914/

GL22-6937

SYSTEM/360 AND SYSTEM/370 CUSTOM FEATURE DESCRIPTION: 2914 SWITCHING UNIT MODEL 1 - RPQ 880882

This publication describes the organizational, functional, and operational characteristics of the IBM 2914 Switching Unit Model 1, which attaches to the IBM System/360 Models 25, 30, 40, 44, 50, 65, 67, 75, and 85. Attachment to a System/360 is via the standard System/360 I/O interface of a selector or multiplexer channel.

Manual, 19 pages
360,370//14//2914/

GL22-6979

IBM 2947 MODEL 4 CHECK COLLECTION CONTROLLER (RPQ 888264) FUNCTIONAL CHARACTERISTICS - REFERENCE MANUAL

This publication describes the overall functions, organization, and operation of the IBM 2947 Model 4 Check Collection Controller. Information concerning reader-sorter and printer operations with the required definitions for initialization data, sort control words, printer control and formatting data, and sense and status data are provided.

Although generally the information is written to an audience level of a systems engineer, it may be of interest to anyone seeking information about the general characteristics and operation of the 2947 Model 4. In particular, the information required to supplement the Assembly Facility User's Guide (LC28-6689) in writing assembly language user programs for the 2947 Model 4 is provided.

The reader is assumed to have an understanding of banking data processing and a basic knowledge of the IBM 1419 Model 1 Magnetic Character Reader and the IBM 1403 Model N1 Printer as described in IBM 1219 Reader Sorter, IBM 1419 Magnetic Character Reader (GA24-1499), and IBM 1403 Printer Component Description (GA24-3073).

This information is subject to engineering development modification.

Systems Library Manual, 68 pages
360,370//14//2947/

GL22-6982

IBM 2947 CHECK COLLECTION CONTROLLER MODEL 4 (RPQ 888264) INSTALLATION MANUAL PHYSICAL PLANNING

This manual contains all physical planning data necessary to install the IBM 2947-4 Check Collection Controller.

If a unit is to be installed in conjunction with a computer system, specifications for the most critical unit must be met. Similarly, units installed in conjunction with the 2947-4 require specifications to be met for the most critical unit in the installation.

Data follows the same format and uses the same standardized symbols as IBM System/360 Installation Manual Physical Planning (GC22-6820).

Manual, 6 pages
//15//2947/

GL22-7015

IBM 7441-1/1980-9 CUSTOM TERMINAL FUNCTIONAL CHARACTERISTICS OPERATING PROCEDURES AND PHYSICAL PLANNING

This manual describes the operations, controls and special features of the IBM 7441 Buffered Terminal Control (Model 1) and the IBM 1980 Buffered Terminal (Model 9). The communication facilities that can be used with the teleprocessing terminal are described. Appendixes containing the physical planning specifications, RPQ numbers, a glossary of terms, terminal service procedures, a problem identification chart and character coding are provided.

Manual, 52 pages
360,370//14//7441,1980/

GL22-7025

2914 STORAGE CONTROL INTERFACE SWITCH MODEL 2 (RPQ 8P0290) PRODUCT DESCRIPTION AND PHYSICAL PLANNING

This publication provides systems engineers with both introductory and reference information about the IBM 2914. It includes the characteristics, operation, and physical planning information about the 29144, an operator-controlled facility for switching storage devices of the IBM System/360 Model 195 and System/370 Models 115 through 195.

Manual, 28 pages
360,370//14//2914/

GL24-3570

IBM 2946 TERMINAL CONTROL SUBSYSTEM COMPONENT DESCRIPTION AND OPERATING GUIDE

This reference publication describes the IBM 2946 Terminal Control Subsystem used with an IBM Programmed Airlines Reservations System (PARS), or equivalent. Subsystem components are: IBM 2946 Terminal Control Unit Model 1 and 2, and 4 (RPQ 810480, RPQ 810491, and RPQ 810555), IBM 4505 Model 22 Keyboard (RPQ 8G0019), IBM 4505 Model 23 Video Display (RPQ 8G0016), and IBM 1980 Model C24 Printer (RPQ 888126). Presented for reservations system planners, programmers, and terminal operators are: unit descriptions, line control, message formats, operator controls, and operating procedures.

Manual, 32 pages
//14//2946/

GL24-3571

IBM 2946 TERMINAL CONTROL SUBSYSTEM INSTALLATION MANUAL PHYSICAL PLANNING

This publication provides physical planning information for the IBM 2946 Terminal Control Unit Models 1, 2, and 4 (RPQ 810480, RPQ 810491, and RPQ 810555), and associated input/output units used in an IBM Programmed Airlines Reservation System (PARS): IBM 4505 Model 22 Keyboard (RPQ 8G0019), IBM 4505 Model 23 Video Display (RPQ 8G0160), IBM 1980 Model C24 Printer (RPQ 888126), and IBM 7411 Model 1 Remote Terminal Control Unit (RPQ 8R0142). Included are physical specifications and cable, electrical, and environmental requirements.

For related publications, see IBM System/360 and System/370 Bibliography, GA22-6822.

Manual, 20 pages
//15//2946/

GL24-3618

2956 MODEL 8 CARD READER RPQ 810582 CUSTOM UNIT DESCRIPTION AND PHYSICAL PLANNING

The 2956 Model 8 Card Reader is a punched card input (manual) to the IBM 3270 information display system. This Manual describes the 2956 Model 8-its operation and physical planning. The reader should have a basic knowledge of punched cards and the IBM 3277 Display Station.

Manual, 8 pages
//14//2956/

GL24-3628

IBM 3203 BOOK BRAILLE PRINTING FEATURE RPQ S00293 DESCRIPTION AND OPERATOR'S GUIDE CUSTOM FEATURE

This publication contains the description and operating information for the interchangeable device (RPQ S00293) that converts an IBM 3203 Printer to braille printing. For the description and operation of the IBM 3203 Printer, refer to IBM 3203 Printer Component Description and Operator's Guide, Order No. GA33-1515.

Manual, 12 pages (5/75)
//14//3203/

GL24-3629

IBM 3203 PROGRAMMER BRAILLE PRINTING RPQ S00305 CUSTOM FEATURE DESCRIPTION AND OPERATOR'S GUIDE

This publication contains the description and operating information for the RPQ feature that converts an IBM 3203 Printer to braille printing using (through programming) the period on the standard train cartridge. For the description and operation of the IBM 3203 Printer, refer to IBM 3203 Printer Component Description and Operator's Guide, Order No. GA33-1515.

Manual, 12 pages (5/75)
//14//3203/

LQB0-8038

IMS/VS MSC LISTINGS, LIC PROG 5740-XX2, RELEASE 1.1.4 (LYB0-8038-3)

This microfiche is equivalent to LYB0-8038-03.

Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LQB4-6101

DL/I DOS/VS LIC PROG 5746-XX1 MICROFICHE LISTINGS (LYB4-6101-2)

This microfiche is equivalent to LYB4-6101-02.

Microfiche, 25 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LQB6-0003

INFORMATION MANAGEMENT SYSTEM/VIRTUAL STORAGE IMS/VS LIC
PROG 5740-XX2, RELEASE 1.1.4, FAST PATH FEATURE LISTINGS
(LJB6-0003-1)
This microfiche is equivalent to LJB6-0003-01
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LQB6-0004

IMS/VS V1 IMS PSEUDO MODULE LISTINGS, LIC PROG 5740-XX2
RELEASE 1.1.4 (LYB6-0004-1)
This microfiche is equivalent to LJB6-0004-01.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SQD2-2002

OS/VS1 RELEASE 2 5741-SC1-C5 - SUPERVISOR
This manual is equivalent to SJD2-2002-1.
Microfiche
NOT AVAILABLE UNDER SLSS

SQD2-2014

OS/VS1 RELEASE 2 5741-SC1-B0 - JECS
This manual is equivalent to SJD2-2014-1.
Microfiche
NOT AVAILABLE UNDER SLSS

SQD2-2020

OS/VS1 RELEASE 2 5741-SC1-B6 - INITIATOR
This manual is equivalent to SJD2-2020-1.
Microfiche
NOT AVAILABLE UNDER SLSS

SQD2-2021

OS/VS1 RELEASE 2 5741-SC1-B7 - TERMINATION
This manual is equivalent to SJD2-2021-1.
Microfiche
NOT AVAILABLE UNDER SLSS

SQD2-2025

OS/VS1 RELEASE 2 5741-SC1-BE - SYST LOG
This manual is equivalent to SJD2-2025-1.
Microfiche
NOT AVAILABLE UNDER SLSS

SQD2-2031

OS/VS1 RELEASE 2 5741-SC1-G0 - GAM
This manual is equivalent to SJD2-2031-1.
Microfiche
NOT AVAILABLE UNDER SLSS

SQD2-2033

OS/VS1 RELEASE 2 5741-SC1-CE - RMS
This manual is equivalent to SJD2-2033-1.
Microfiche
NOT AVAILABLE UNDER SLSS

SQD2-2049

OS/VS1 RELEASE 2 5741-SC1-20 - BTAM
This manual is equivalent to SJD2-2049-1.
Microfiche
NOT AVAILABLE UNDER SLSS

SQD2-2054

OS/VS2 RELEASE 5741-SC1-09 - CHECK POINT
This manual is equivalent to SJD2-2054-1.
Microfiche
NOT AVAILABLE UNDER SLSS

SQD2-2060

OS/VS1 RELEASE 2 5741-SC1-D4 - DADSM
This manual is equivalent to SJD2-2060-1.
Microfiche
NOT AVAILABLE UNDER SLSS

SQD2-2061

OS/VS1 RELEASE 2 5741-SC1-D6 - MICR
This manual is equivalent to SJD2-2061-1.
Microfiche
NOT AVAILABLE UNDER SLSS

SQD2-2084

OS/VS1 RELEASE 2 5741-SC1-0A - CRJE
This manual is equivalent to SJD2-2084-1.
Microfiche
NOT AVAILABLE UNDER SLSS

SQD2-2085

OS/VS1 RELEASE 5741-SC1-U6 - IEBCOPY
This manual is equivalent to SJD2-2085-1.
Microfiche
NOT AVAILABLE UNDER SLSS

SQD2-2086

OS/VS1 RELEASE 2 5741-SC1-U7 - IEBGENER
This manual is equivalent to SJD2-2086-1.
Microfiche
NOT AVAILABLE UNDER SLSS

SQD2-2088

OS/VS1 RELEASE 2 5741-SC1-UA - IEBPTPCB
This manual is equivalent to SJD2-2088-1.
Microfiche
NOT AVAILABLE UNDER SLSS

SQD2-2089

OS/VS1 RELEASE 2 5741-SC1-UK - IEBCOMPR
This manual is equivalent to SJD2-2089-1.
Microfiche
NOT AVAILABLE UNDER SLSS

SQD2-2091

OS/VS1 RELEASE 2 5741-SC1-U5 - IEBCD
This manual is equivalent to SJD2-2091-1.
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SQD2-2092

OS/VS1 RELEASE 2 5741-SC1-UC - IEHMOVE
This manual is equivalent to SJD2-2092-1.
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SQD2-2097

OS/VS1 RELEASE 2 5741-SC1-UD - IEHINITT
This manual is equivalent to SJD2-2097-1.
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SQD2-2099

OS/VS1 RELEASE 2 5741-SC1-D3 - CATALOG
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SQD2-2101

OS/VS1 RELEASE 2 5741-SC1-CC - TAPE ERP/VES
This manual is equivalent to SJD2-2101-1.
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SQI2-5414

DL/I DOS/VS OPERATOR REFERENCE, MESSAGES AND CODES,
LIC PROG 5746-XX1 (SH12-5414) VERSION 1 REL 2
This publication is equivalent to SH12-5414-3.
Manual, 8 1/2 x 11 inches, 124 pages, 4/77
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GQ20-1800

VM/370/INTRODUCTION V1 R5 (GC20-1800-8)
This manual is equivalent to GC20-1800-08.
Manual, 8 1/2 x 11 inches, 68 pages, 6/78
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GQ20-1801

IBM VIRTUAL MACHINE FACILITY/370: PLANNING AND SYSTEM
GENERATION (VM/370 1.4) (GC20-1801-7)
This publication is equivalent to GC20-1801-07.
Manual, 8 1/2 x 11 inches, 576 pgs, 9/77
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GQ20-1806

VM/370 OPERATOR'S GUIDE V1 R4 (GC20-1806-8)
This manual is equivalent to GC20-1806-08.
Manual, 8 1/2 x 11 inches, 248 pages, 11/78
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GQ20-1808

VM/370 REL 3 PLC1 SYSTEM MESSAGES (GC20-1808-6)
This publication is equivalent to GC20-1808-06.
Manual, 276 pages
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GQ20-1809

VM/370 OLTSEP AND ERROR RECORDING GUIDE V1 R4 (GC20-1809-6)
This manual is equivalent to GC20-1809-06.
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GQ20-1813

VM/370 GLOSSARY & MASTER INDEX: REL 3 PLC 1 (GC20-1813-3)
This publication is equivalent to GC20-1813-03.
Manual, 8 1/2 x 11 inches, 156 pgs, 5/76
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- GQ20-1818
VM/370 CMS COMMAND AND MACRO REFERENCE REL 4 (GC20-1818-1)
 This manual is equivalent to GC20-1818-01.
 Manual, 8 1/2 x 11 inches, 386 pages, 9/78
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VM/370 CMS USER'S GUIDE RELEASE 4 (GC20-1819-1)
 This manual is equivalent to GC20-1819-01.
 Manual, 8 1/2 x 11 inches, 420 pages, 10/78
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IBM VIRTUAL MACHINE FACILITY/370: CP COMMAND REFERENCE FOR GENERAL USERS (GC20-1820-1) REL 3 PLC 8
 This publication is equivalent to GC20-1820-1.
 Manual, 8 1/2 x 11 inches, 172 pages, 9/76
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VM/370: OPERATING SYSTEMS IN A VIRTUAL MACHINE (GC20-1821-2)
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 Manual, 8 1/2 x 11 inches, 300 pages, 1/79
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VM/370 SYS CONTROL (GC20-1830-1)
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OS/VS1 PLANNING AND USE GUIDE RELEASE 2.0, 2.6
 Back issue of GC24-5090-1.
 Manual
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- GQ24-5094
OS/VS1 STORAGE ESTIMATES - RELEASE 2.0, 2.6
 Back issue of GC24-5094-1.
 Manual
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DOS & DOS/VS TO OS/VS1 IMPLEMENTATION GUIDE OS/VS1 RELEASE 2.0 & 2.6
 This manual is equivalent to GC24-5095-1.
 Manual
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OS/VS1 SYSTEM GENERATOR REFERENCE
 This publication is equivalent to GC26-3791-1 and with TNL's GN26-0762 and GN26-0764 is for use with OS/VS1 Release 2.0.
 Manual
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OS/VS2 SYSTEM GENERATION REFERENCE: VS2 REL 1.6, 1.7 (GC26-3792-1)
 This manual is equivalent to GC26-3792
 Manual, 34 pages
 //34///5742
- GQ26-3795
OS/VS TAPE LABELS (GC26-3795-2) VS1-6 VS2 3.7
 This publication is equivalent to GC26-3795-02.
 Manual, 8 1/2 x 11 inches, 152 pages, 1/74
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OS/VS2 ACCESS METHOD SERVICES (GC26-3841-1) VS2 3.7
 This publication is equivalent to GC26-3841-01 for S/370 OS/VS2 MVS.
 Manual, 8 1/2 x 11 inches, 496 pages, 5/76
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OS/VS2 SYS PROG LIB: JES3: REL 3.7 (GC28-0608-2)
 This publication is equivalent to GC28-0608-02
 Manual, 8 1/2 x 11 inches, 362 pgs, 6/76
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- GQ28-0617
OS/VS ICL SERVICES
 This manual is equivalent to GC28-0617-01 and is for use with OS/VS1 Release 1 and VS2 Release 1.
 Manual, 96 pages
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OS/VS2 SYS1.LOGREC ERROR RECORDING: REL 1.6, 1.7 (GC28-0638-1)
 This manual is equivalent to GC28-0638-1.
- Manual, 37 pages
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- GQ28-0665
OS/VS1 SERVICE AIDS REL 6.6 (GC28-0665-1)
 This manual is equivalent to GC28-0665-01.
 Manual, 8 1/2 x 11 inches, 276 pages, 3/79
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OS/VS2 SYSTEM PROG LIB: JES 3 DEBUGGING GUIDE (GC28-0703-1) JES 3 REL 2
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 Manual, 8 1/2 x 11 inches, 430 pgs, 9/75
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OS/VS2 MVS RACF GENERAL INFORMATION MANUAL, (GC28-0722-3), VER 1 REL 2
 This publication is equivalent to GC28-0722-03.
 Manual, 8 1/2 x 11 inches, 80 pages, 12/77
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- SQ28-0734
OS/VS MVS RESOURCE ACCESS CONTROL FACILITY (RACF) INSTALLATION REFERENCE MANUAL (GC28-0734-1) V1 R2
 This publication is equivalent to GC28-0734-01 for S/370 OS/VS2 MVS.
 Manual, 8 1/2 x 11 inches, 224 pages, 7/77
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3704 & 3705 CONTROL PROGRAM GENERATION & UTILITIES GUIDE & REFERENCE MANUAL (VTAM USERS IN DCS/VS; VS1; VS2 REL 3, 3.6, 3.7) (GC30-3008-3)
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CICS/VS VER 1 REL 3 GENERAL INFORMATION (GC33-0066-1)
 This manual is equivalent to GC33-0066-01.
 Manual, 8 1/2 x 11 inches, 94 pages, 3/78
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- GQ33-4021
OS/VS1 & VM/370 ASSEMBLER PROGRAMMER'S GUIDE, VS2 REL 2 (GC33-4021-2)
 This manual is equivalent to GC33-4021.2.
 Manual, 168 pages
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GUIDE TO THE DOS/VS ASSEMBLER (GC33-4024-2)
 This manual is equivalent to GC33-4024-02.
 Manual
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- GQ33-5383
DOS/VS OLTEP (GC33-5383)
 This manual is equivalent to GC33-5383-03.
 Manual, 8 1/2 x 11 inches, 64 pages, 1/79
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- SQ33-6032
DOS/VS RPG II INSTALLATION REFERENCE REL 1.2 (GC33-6032-1)
 This manual is equivalent to GC33-6032-01.
 Manual, 8 1/2 x 11 inches, 44 pages, 4/78
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- GQ38-0110
OPERATORS LIBRARY, OS/VS1 (RES) REFERENCE, RELEASE 2.0, 2.6
 Back issue of GC24-0110-2.
 Manual
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GQ38-0120
OPERATOR'S LIBRARY: OS/VS CONSOLE CONFIGURATIONS
 This manual is equivalent to GC38-0120-00 and is for use with OS/VS1 Release 1 and VS2 Release 1.
 Manual, 28 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GQ38-0255
OPERATOR'S LIBRARY: OS/VS1, DISPLAY CONSOLES REL 6.6 (GC38-0255-3)
 This manual is equivalent to GC38-0255-03.
 Manual, 8 1/2 x 11 inches, 160 pages, 3/79
- GQ38-1000
MSS MESSAGES: VS1 REL 5, VS2 REL 3.7 (GC38-1000-2)
 This publication is equivalent to GC38-1000-02.
 Manual, 160 pgs, 8/76
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- Q38-1003**
OS/VS1 MESSAGE LIBRARY: SYSTEM CODES, RELEASE 2.0, 2.6
 Back issue of GC38-1003-2.
 Manual
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- Q38-1004**
OS/VS MESSAGE LIBRARY: ROUTING AND DESCRIPTOR CODES
 This manual is equivalent to GC38-1004-01 and is for use with OS/VS1 Release 1 and VS2 Release 1.
 Manual, 32 pages
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- Q38-1005**
OS/VS MESSAGE LIBRARY UTILITIES MESSAGES
 This manual is equivalent to GC38-1005-1 and is for use with OS/VS Release 1.0/1.6.
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- Q38-1006**
OS/VS MESSAGE LIBRARY: SERVICE AIDS AND OLTEP MESSAGES
 This manual is equivalent to GC38-1006-01 and is for use with OS/VS1 Release 1 and VS2 Release 1.
 Manual
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OS/VS LINKAGE EDITOR AND LOADER MESSAGES
 No abstract available.
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- Q38-1012**
OS/VS2 JES3 MESSAGES: REL 3.7 (GC38-1012-1)
 This publication is equivalent to GC38-1012-1
 Manual, 8 1/2 x 11 inches, 158 pgs, 5/76
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OS/VS2 RESOURCE ACCESS CONTROL FACILITY (RACF) MESSAGES AND CODES V1 R2
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 Manual, 8 1/2 x 11 inches, 40 pages, 7/77
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IMS/VS VERSION 1 GENERAL INFORMATION PROG PROD 5740-XX2 RELEASE 1.1.1 REFERENCE (GH20-1260-3)
 This manual is equivalent to SH20-1260-3
 Manual, 128 pages
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- SQ40-9025**
IMS/VS VERSION 1 SYSTEM/APPLICATION DESIGN GUIDE PROG PROD 5740-XX2 RELEASE 1.1.1 REFERENCE (SH20-9025-3)
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 Manual, 340 pages
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IMS/VS VERSION 1 APPLICATION PROGRAMMING REFERENCE, PROG PROD 5740-XX2 RELEASE 1.1.1 (SH20-9026-3)
 This manual is equivalent to SH20-9026-3.
 Manual, 264 pages
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- SQ40-9027**
IMS/VS VERSION 1 SYSTEM PROGRAMMING REFERENCE PROG PROD 5740-XX2 RELEASE 1.1.1 (SH20-9027-3)
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IMS/VS VERSION 1 UTILITIES REFERENCE PROG PROD 5740-XX2 RELEASE 1.1.1 (SH20-9029-2)
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 Manual, 436 pages
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- SQ40-9030**
IMS/VS VERSION 1 MESSAGES AND CODES REFERENCE PROG PROD 5740-XX2 RELEASE 1.1.1 (SH20-9030-3)
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 Manual, 244 pages
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- SQ40-9046**
S/370 LOW-LEVEL CODE/CONTINUITY CHECK IN DL/I DOS/VS, LIC PROG 5746-XX1, REFERENCE OPERATIONS (SH20-9046-1)
DL/I DOS/VS 1.3
 This publication is equivalent to SH20-9046-01.
 Manual, 8 1/2 x 11 inches, 60 pages, 4/77
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- SQ40-9053**
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- SQ40-9054**
IMS/VS VERSION 1 ADVANCED FUNCTION FOR COMMUNICATIONS (SH20-9054-1) VER 1.1.2
 This publication is equivalent to SH20-9054-1.
 Manual, 8 1/2 x 11 inches, 156 pgs, 6/76
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IMS/VS VER REL 1.4 PROG PRODUCT SPECIFICATIONS (GH20-9117-2)
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 Manual, 8 1/2 x 11 inches, 22 pages, 11/78
- LQ50-8005**
IMS/VS VERSION 1 LOGIC VOLUME 2 OF 3 PROG PROD 5740-XX2 RL 1.1 (LY20-8005-1)
 This manual is equivalent to LY20-8005-1.
 Manual, 668 pages
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 This publication is equivalent to LY12-5016-02.
 Manual, 8 1/2 x 11 inches, 532 pgs, 4/77
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- GQ61-0013**
OS DATA MANAGEMENT MACRO LOGIC FOR 1285/1287/1288 VS2 REL 1.6, 1.7 (GY21-0013-1)
 This manual is equivalent to GY21-0013-1, GN21-5169 GN21-7659.
 Manual, 30 pages
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OS/VS1 CHECKPOINT/RESTART LOGIC - RELEASE 2.0, 2.6
 Back issue of SY24-5159-1.
 Manual
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- SQ66-3785**
OS/VS OPEN/CLCSE/EOV LOGIC
 This manual is equivalent to SY26-3785-01 and is for use with OS/VS1 Release 1 and VS2 Release 1.
 Manual, 242 pages
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OS/VS DADSM LOGIC: VS2 REL 1.6, 1.7 (SY26-3787-1)
 This manual is equivalent to SY26-3787-1.
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- SQ66-3820**
OS/VS CHECKPOINT RESTART LOGIC: VS2 REL 1.6, 1.7 (SY26-3820-1)
 This manual is equivalent to SY26-3820-1.
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- SQ66-3823**
OS/VS2 I/C SUPERVISOR LOGIC: REL 1.6, 1.7 (SY26-3823-2)
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SQ66-3827

OS/VS2 OPEN/CLOSE/EOV LOGIC REL 3.6 (SY26-3827-1)
This manual is equivalent to SY26-3827-01.
Manual, 8 1/2 x 11 inches, 248 pages, 8/78

SQ66-3828

OS/VS2 DADSM LOGIC (SY26-3828-1) VS 2.3.7
This publication is equivalent to SY26-3828-01.
Manual, 8 1/2 x 11 inches, 156 pages, 3/75
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OS/VS OLTEP LOGIC: VS2 REL 1.6, 1.7 (SY28-0637-1)
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SQ68-0639

OS/VS2 SYS1.LOGREC ERROR RECORDING LOGIC: REL 1.6, 1.7 (SY28-0639-1)
This manual is equivalent to SY28-0639-1.
Manual
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SQ68-0669

OS/VS1 SYS1.LOGREC RECORDING LOGIC: REL 4 (SY28-0669-1)
This manual is equivalent to SY28-0669-2.
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LQ68-0730

OS/VS2 MVS RESOURCE ACCESS CONTROL FACILITY (RACF), PROG PROD 5740-XXH, LOGIC
This publication is equivalent to LY28-0730-02.
Manual, 8 1/2 x 11 inches, 448 pages, 7/77
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SQ73-8558

DOS/VS SYSTEM UTILITIES R4 (SY33-8558-1)
This manual is equivalent to SY33-8558-01.
Manual, 8 1/2 x 11 inches, 616 pages, 1/79
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SQ73-8568

DOS/VS OLTEP LOGIC (SY33-8568-2)
This manual is equivalent to SY33-8568-02.
Manual, 8 1/2 x 11 inches, 184 pages, 1/79
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SQ75-0003

OS/VS CATALOGUE MANAGEMENT LOGIC - COMPONENT NOS. 5741 AND 5742-SC1-D3 - OS/VS2 RELEASE 1.0 AND OS/VS1 1.0
This manual is equivalent to SY35-0003-1.
Manual
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SR20-4193

TSO COMMAND LANGUAGE FOR APPLICATION PROGRAMMERS - A PRIMER TERMINAL-ORIENTED SELF-STUDY TEXT
A subset of the TSO Command Language related to an applications programmer is presented in this text for use at a terminal by a student having a basic knowledge of FORTRAN, COBOL, or PL/1. The non-professional programmer (problem-solver) should use the ITP:PL/1, ITP:BASIC, or Code-and-Go FORTRAN texts. The teaching strategy is to guide the student through the entire task which he generally performs (create test data, write programs, compile and execute programs, and re-cycle as necessary). Provided for an application programmer who has used at least one programming language. He may or may not be familiar with the Operating System. Prerequisites:
1. A knowledge of how to use the type of terminal that will be used in conjunction with this text.
2. A general knowledge of the higher-level programming language which will be used (FORTRAN, COBOL, or PL/1).
3. Availability of a terminal on-line to a TSO system.
Terminal Oriented Self-study Text, 60 pages
NOT AVAILABLE UNDER SLSS

SR20-4194

TSO COMMAND LANGUAGE FOR ADMINISTRATIVE APPLICATIONS A PRIMER: TERMINAL-ORIENTED SELF-STUDY TEXT
The objective of this self-study modular terminal oriented text is to teach the student how to use the TSO Command Language, at an IBM 2741 terminal, for data entry and text editing.
The student is defined as a typist, secretary or card punch operator.
Upon completion of the text and having successfully performed the terminal exercises the student, depending upon the modules selected, should be able to use the TSO Command Language at a 2741 terminal to perform at least one or more of the following jobs:
o Enter, save, and list coded source program statements. Modify the program after it has been entered.
o Enter, save, and list data, (Names, Addresses, Part Numbers, etc.) Modify the data after it has been

entered.

- o Enter, save, and list text. Modify the text after it has been entered.
 - o Produce a formatted output of an unformatted text entry.
- Terminal Oriented Self-study Text, 170 pages
NOT AVAILABLE UNDER SLSS

GR20-4260

INTRODUCTION TO VIRTUAL STORAGE IN SYSTEM/370 STUDENT TEXT
This student text explains the concepts of dynamic relocation, dynamic address translation and virtual storage and it defines all related terminology. The student text describes a theoretical virtual storage system that is closely related to the implementation of OS/VS and DOS/VS, and it then describes how virtual storage is implemented in the OS/VS and DOS/VS systems on System/370.
Student text, 96 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SR20-4438

CMS FOR PROGRAMMERS -- A PRIMER: (VM/370) TERMINAL-ORIENTED SELF-STUDY TEXT
This terminal oriented self-study text is intended to be an introduction to CMS the Conversational Monitor System for the programmer who performs the function of coding, testing, debugging, and documenting applications for data processing. It is assumed that the individual using this text already has a knowledge of a programming language (Assembler, CECIL, FORTRAN, or PL/I), an operating familiarity with the terminal to be used, and a VM/370 system with the terminal attached.
The text is divided into 5 major areas:
Gaining Access to VM/370
Creating and Maintaining Data Files
Program Development and Execution
Program Debugging
Program Documentation
The sections on Program Development and Program Debugging are further divided according to the programming language selected.
Manual, 128 pages
NOT AVAILABLE UNDER SLSS

SR20-4460

IBM SYSTEM/370 OPERATOR'S REFERENCE GUIDE
This manual is intended for System 370 operators of all levels and models.
Topics include: problem determination chart, S/370 general information, CPU manual procedures for Models 115 to 195, operator commands (for OS/VS1 and VS2, DOS/VS and POWER, VM 370, RES, etc.), IPL procedures for DOS/VS and OS/VS1 and VS2, I/O devices information (status and sense bytes, restart procedures, operating hints), and utilities information. Also provided are a glossary, bibliography, and index.
Manual, 310 pages
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SR20-4482

INTRODUCTION TO DATA COMMUNICATIONS NETWORK DESIGN, STUDENT TEXT
This self-study text deals with basic elements of data communication design. It is intended for use primarily by personnel desiring an introduction to network design, i.e., students in marketing training program, qualified marketing representatives, and systems engineers, who have not been trained in network design. The manual method of data communications network design is used with emphasis on line utilization rather than response time as the design criteria. It is expected that this text will provide students with a base for the standard and advanced course in network design and related subjects.
Manual, 68 pages
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SR20-4510

ADVANCED FUNCTION NCP AND RELATED HOST FUNCTIONS STUDENT TEXT - COURSE CODE S3851
This text provides NCP, EP, and Host Trace listings and an analysis of trace entries.
Text, 72 pages, 7/5
SLSS - ORDER NO. SUBSCRIPTION ONLY

SR20-4512

3704/3705 NCP INSTRUCTIONS AND SUPERVISOR MACROS STUDENT TEXT - COURSE CODE S3851
This text provides the material on the 3704/3705 instruction and Network Control Program supervisor macros to enable the student to read NCP generation listings or modules.
Manual, 178 pages, 7/5
SLSS - ORDER NO. SUBSCRIPTION ONLY

SR20-4513

ADVANCED FUNCTION NCP DATA FLOW - COURSE CODE S3851
This text provides the module flow and control block relationships for an NCP and SDC devices to enable dump reading and debugging capability.
Manual, 128 pages, 7/5
SLSS - ORDER NO. SUBSCRIPTION ONLY

SR20-4544

IBM 3704 AND 3705 COMMUNICATIONS CONTROLLERS HARDWARE
STUDENT TEXT
 This text is used in conjunction with other texts in this course. A quiz is provided for each major topic. Topics include; hardware concepts, central control unit, channel adapters, and communication scanners.
 Manual, 120 pages, 2/76
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SR20-4546

3704, 3705 COMMUNICATIONS CONTROLLERS EMULATION PROGRAMMING
COURSE CODE G3689, STUDENT TEXT
 No abstract available.
 Manual, 94 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SR20-4547

3704 AND 3705 COMMUNICATIONS CONTROLLERS EMULATION DATA FLOW
STUDENT TEXT - COURSE CODE G3630
 This text, to be used during conduct of the class, discusses control blocks and emulation data flow. A student quiz is included which requires identification of entries on a provided emulation dump.
 Text, 8 1/2 x 11 inches, 68 pages, 11/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SR20-4568

IBM 3704 AND 3705 COMMUNICATIONS CONTROLLERS NCP PROGRAMMING
STUDENT TEXT COURSE CODE S3850
 This text provides concepts of the Network Control Program with a logical grouping of macros by function. Each major section is concluded with an examination or coding problem.
 Manual, 172 pages (8/76)
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SR20-4569

CONCEPTS OF IBM 3704 COMMUNICATIONS CONTROLLERS
STUDENT TEXT, COURSE CODE T1004
 This text provides conceptual level material on the hardware and programming for the 3704/5 controllers. Each major section includes a review quiz.
 Manual, 70 pages, 6/76
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SR20-4620

ADVANCED COMMUNICATIONS FUNCTION NCP PROGRAMMING
 No abstract available.
 Manual, 8 1/2 x 11 inches, 138 pages, 1/78

GR20-4640

INTRODUCTION TO CRYPTOGRAPHY STUDENT TEXT
 This text explains in non-technical terms the function and concepts of cryptography in a data communications environment. It is assumed, in the discussions of how a cryptographic session is created, that the reader understands the concepts of a physical unit (PU) and a logical unit (LU).
 Manual, 8/78
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GR29-0280

COMPUTING SYSTEMS FUNDAMENTALS OVERVIEW
 Computing Systems Fundamentals: Overview was written for you if you will interface with or make use of data-processing facilities in your organization. It will give you a basic knowledge of computing systems. This short course takes less than four hours of study, and will provide a bases for interaction with a data-processing department.
 This book and COMPUTING SYSTEMS FUNDAMENTALS: TECHNIQUES constitute an introductory course for people who intend to become computer operators or programmers. The second book contains five additional, more detailed study units covering computing systems, programming languages, programming techniques, and numbering systems. It provides a firm foundation for future programming language courses.
 Although the course is illustrated with examples of IBM computer hardware, the content applies to all computing systems, regardless of the hardware manufacturer.
 Manual, 100 pages

GR29-0281

COMPUTING SYSTEMS FUNDAMENTALS TECHNIQUES
 This is the second in a two-book course that constitutes an introduction to computing concepts for prospective programmers and systems operators.
 You should complete the first book, COMPUTING SYSTEMS FUNDAMENTALS: OVERVIEW, before you begin this one. This first book presents a framework for understanding data processing and introduces key concepts. It can be used by itself as a short (four-hour) course for persons who do not intend to become programmers or operators but who need to interface with a data-processing department.
 The first book presents the conceptual forest. This one focuses on the trees; it develops the concepts presented in the OVERVIEW. When you have finished the two books, you will understand the most important techniques used in solving data-processing problems and will be able to describe how computers implement the solutions. You will know what goes on both inside and outside the computer as a program is processed. You will have the background to pursue as much additional information about any phase of data processing or computer operation as you need to

learn.

Before you begin Chapter 1, turn to the OVERVIEW book to review the Introduction and the instructions on how to answer the programmed instruction frames.

A programmed NOTEBOOK accompanies this text. Be sure you have it. By filing it in after you complete each chapter, you will provide yourself with a concise summary of this course.
 Manual, 40 pages

GR29-0296

IBM 3705 EMULATION - REFERENCE CARD
 This reference summary will be updated from time to time; however, the basic documentation is the authoritative source and will be the first to reflect changes. Information herein is extracted from the Guide to Using the IBM 3704 Communications Controller Control Panel (GA27-3086), Guide to Using the IBM 3705 Communications Controller Control Panel (GA27-3087), IEM 3704 and 3705 Communications Controller Principles of Operation (GC30-3004), and the IEM 3704 and 3705 Program Reference Handbook (GY30-3012).
 Reference card, 8 pages
 //09//3704,3705/

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LTB1-0417

OS/VS1 REL 609 NOSP, LIC PROG 5735-XX2, MICROFICHE LISTINGS (LJB1-0417-1)
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PROGRAMMED CRYPTOGRAPHIC FACILITY VER 1 REL 1 MICROFICHE LISTINGS (LJE2-9511-0)
 LTB2-9511-0 is equal to LJE2-9511-0 and is for VS1 SU21.
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SYS1.LOGREC ERROR RECORDING LOGIC (MICROFICHE EDITION):
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VM/370 AP LIST R5 MICROFICHE LISTINGS
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OS/VS1 RELEASE 5741-SC1-17 - IMCJOBOD
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STD2-2031
OS/VS1 RELEASE 1 5741-SC1-G0 - GAM
 This manual is equivalent to SJD2-2031-0.
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OS/VS1 RELEASE 5741-SC1-CD - OBR/EREP/RDE
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OS/VS1 RELEASE 1 5741-SC1-D5 - OCR
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OS/VS1 RELEASE 1 5741-SC1-BB - RES
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OS/VS1 RELEASE 5741-SC1-C8 - NIP
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OS/VS1 REL 613 ACT/TCAM-BASE, 5735-RC1 MICROFICHE
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 LTD2-2172-0 is equal to LJD2-2172-0 and is for VS1 SU13.
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OS/VS1 REL 614 ACF/TCAM-NETW, 5735-RC1 MICROFICHE LISTINGS
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 LTD2-2173-0 is equal to LJD2-2173-0 and is for VS1 SU14.
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GT00-0130
OS/VS UTILITIES MESSAGES: VS 2 REL 1.6, 1.7 (GC38-1005-2)
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OS/VS1 ACCESS METHOD SERVICES (GC26-3840-2) VS1 REL 6
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Manual, 8 1/2 x 11 inches, 440 pages, 10/76
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This publication is equivalent to GC26-3838-02 for S/370 OS/VS1 and OS/VS2 MVS.
Manual, 8 1/2 x 11 inches, 248 pages, 5/76
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OS/VS VIRTUAL STORAGE ACCESS METHOD (VSAM) OPTIONS FOR ADVANCED APPLICATIONS (GC26-3819-3) VS1 6 VS2 3.7
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S/370 REFERENCE SUMMARY: JES 3 OPERATOR COMMANDS & DYNAMIC SUPPORT PROGRAMS (GX23-0003-1) JES 3 REL 2
This publication is equivalent to GX23-0003-01.
Ref Card, 9 1/2 x 16 inches, 32 pgs, 1/78
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IMS/VS VER 1 INSTALLATION GUIDE, LIC PROG 5740-XX2 (SB20-9081-3) IMS/VS 1.1.4
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CICS/VS VER 1 REL 3, LIC PROG 5740-XX1, 5746-XX3, GENERAL INFORMATION, (GC33-0066-2)
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Manual, 8 1/2 x 11 inches, 102 pages, 5/78
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DATA LANGUAGE/I DISK OPERATING SYSTEM/VIRTUAL STORAGE (DL/I DOS/VS) LOGIC, LIC PROG 5746-XX1 (LY12-5016-3) DL/I DOS/VS 1.3
This publication is equivalent to LY12-5016-03.
Manual, 8 1/2 x 11 inches, 628 pages, 11/77
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DL/I DOS/VS MESSAGES AND CODES VER 1 REL 3, LIC PROG 5746-XX1, (SH12-5414-4)
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Manual, 8 1/2 x 11 inches, 124 pages, 11/77
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DL/I DOS/VS UTILITIES AND GUIDE FOR THE SYSTEM PROGRAMMER (SH12-5412-3) DL/I 1.3, LIC PROG 5746-XX1
This publication is equivalent to SH12-5412-03.
Manual, 8 1/2 x 11 inches, 304 pages, 4/77
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IMS/VS VERSION 1 REL 1.4, LIC PROG 5740-XX2, GENERAL INFORMATION MANUAL (GH20-1260-6)
This publication is equivalent to GH20-1260-06.
Manual, 8 1/2 x 11 inches, 132 pages, 8/77
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OS/VS SYSTEM MODIFICATION PROG (SMP) LOGIC V1 (SY28-0685-4)
This manual is equivalent to SY28-0685-04.
Manual, 8 1/2 x 11 inches, 280 pages, 10/77
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DL/I DOS/VS VER 1 REL 3, LIC PROG 5746-XX1, APPLICATION PROGRAMMING REFERENCE MANUAL (SH12-5411-3)
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GT24-5119

OS/VS1 VECTOR PROCESSING SUBSYSTEM RELEASE GUIDE,
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(GC24-5125-0) VS2 3.7 VS1 6
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GT26-3784

OS/VS CHECKPOINT RESTART: VS2 Rel 1.6, 1.7 (GC26-3784-2)
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Manual
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GT26-3790

OS/VS SYSTEM GENERATION INTRODUCTION: VS 2 REL 1.6, 1.7
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GT33-4021
OS/VS & VM/370 ASSEMBLER PROGRAMMER'S GUIDE: VS2 REL 1.6,
1.7 (GC33-4021-1)
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GT33-5374
DOS/VS TAPE LABELS (GC33-5374-0) REL 34
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Manual
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ST60-0887

VM/370 SYSTEM LOGIC AND PROBLEM DETERMINATION GUIDE
PLC 5 (SY20-0887-0)
This manual is equivalent to SY20-0887-00.
Manual, 8 1/2 x 11 inches, 264 pages, 1/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST64-5155

OS/VS1 SUPERVISOR LOGIC
This manual is equivalent to SY24-5155-00 and is for use
with OS/VS1 Release 1.
Manual, 300 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST64-5156

OS/VS I/O SUPERVISOR LOGIC
This manual is equivalent to SY24-5156-00 and is for use
with OS/VS1 Release 1.
Manual, 184 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST64-5159

OS/VS CATALOG MANAGEMENT LOGIC
This manual is equivalent to SY24-5159-00 and is for use
with OS/VS1 Release 1.
Manual, 36 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST64-5160

OS/VS1 IPL AND NIP LOGIC
This manual is equivalent to SY24-5160-00 and is for use
with OS/VS1 Release 1.
Manual, 152 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST64-5161

OS/VS1 JOB MANAGEMENT LOGIC
This manual is equivalent to SY24-5161-00 and is for use
with OS/VS1 Release 1.
Manual, 450 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST64-5168

OS/VS1 JOB MANAGEMENT LOGIC (SY24-5168-0)
This publication is equivalent to SY24-5168-00.
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST64-5169

OS/VS1 JOB MANAGEMENT LOGIC, VOLUME 2 (SY24-5169-0) REL 6.6
This manual is equivalent to SY24-5169-00.
Manual, 8 1/2 x 11 inches, 328 pages, 3/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST64-5170

OS/VS1 R6 RMS LOGIC (SY24-5170-0)
This manual is equivalent to SY24-5170-04.
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST66-3786

OS/VS ISAM LOGIC: VS2 REL 1.6, 1.7 (SY26-3786-2)
This manual is equivalent to SY26-3786-2.
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST66-3787

OS/VS DADSM LCGIC
This manual is equivalent to SY26-3787-00 and is for use
with OS/VS1 Release 1.
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST66-3788

OS/VS SAM LOGIC: VS2 REL 1.6, 1.7 (SY26-3788-2)
This manual is equivalent to SY26-3788-2.
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST66-3789

OS/VS BDAM LOGIC: VS2 REL 1.7, 1.7 (SY26-3789-1)
This manual is equivalent to SY26-3789-1.
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST66-3817

OS/VS VSAM LOGIC: VS2 REL 1.6, 1.7 (SY26-3817-0)
This manual is equivalent to SY26-3817
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST66-3820

OS/VS2 CHECKPOINT/RESTART ELM
This manual is equivalent to SY26-3820-0 and is for use with
OS/VS2 Release 1.
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST66-3832

OS/VS2 SAM LOGIC: RELEASE 2 (SY26-3832-0)
This manual is equivalent to SY26-3832-0.
Manual, 224 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST66-3847

INDEPENDENT COMPONENT OS/VS2 CATALOG MANAGEMENT LOGIC:
REL 3, 3.6, 3.7 (SY26-3847-1)
This publication is equivalent to SY26-3847-1
Manual, 8 1/2 x 11 inches, 404 pages, 2/75
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST67-7246

OS/VS BTAM LOGIC: VS2 REL 1.6, 1.7 (SY27-7246-0)
This manual is equivalent to SY27-7246-0.
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST67-7266

OS/VS1 VTAM DATA AREAS: REL 4 (SY27-7266-0)
This manual is equivalent to SY27-7266-1.
Manual, 305 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

ST68-0605

OS/VS1 SYSTEM DATA AREAS
This manual is equivalent to SY28-0605-00 and is for use with OS/VS1 Release 1.
Manual, 260 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST68-0606

OS/VS2 SYSTEM DATA AREAS: VS2 REL 1 (SY28-0606-0)
This publication is equivalent to SY28-0606-00.
Manual, 8 1/2 x 11 inches, 308 pages, 9/72

ST68-0612

OS/VS2 JES 3 LOGIC (SY28-0612-0) JES 3 REL 2
This publication is equivalent to SY28-0612-00.
Manual, 8 1/2 x 11 inches, 608 pgs, 9/75
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST68-0639

OS/VS SYS1.LOGREC ERROR RECORDING LOGIC
This manual is equivalent to SY28-0639-00 and is for use with OS/VS1 Release 1.
Manual, 148 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST68-0643

OS/VS2 SERVICE AIDS LOGIC: REL 1.6, 1.7 (SY28-0643-0)
This manual is equivalent to SY28-0643-0
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST68-0649

OS/VS2 TSO CONTROL PROGRAM LOGIC: VS2 REL 1 (SY28-0649-0)
This publication is equivalent to SY28-0649-00.
Manual, 8 1/2 x 11 inches, 836 pages, 9/72

ST68-0650

OS/VS2 TERMINAL MONITOR PROGRAM AND SERVICE ROUTINES LOGIC REL 1.6, 1.7 (SY28-0650-0)
This manual is equivalent to SY28-0650-0
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST68-0651

OS/VS2 TSO COMMAND PROCESSOR LOGIC VOLUME 1, ACCOUNT REL 1.6, 1.7 (SY28-0651-0)
This manual is equivalent to SY28-0651-0.
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST68-0652

OS/VS2 COMMAND PROCESSOR LOGIC VOLUME IV: REL 1.6, 1.7 (SY28-0652-0)
This manual is equivalent to SY28-0652-0
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

LT68-0730

OS/VS2 MVS RESOURCE ACCESS CONTROL FACILITY (RACF) LOGIC, PROG PROD 5740-XXH (LY28-0730-00) VER 1 REL 2
This publication is equivalent to LY28-0730-00.
Manual, 8 1/2 x 11 inches, 404 pgs, 9/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST68-0773

OS/VS EREP PROG LOGIC (SY28-0773-0)
This manual is equivalent to SY28-0773-00.
Manual, 8 1/2 x 11 inches, 168 pages, 11/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

LT68-0923

OS/VS2 MVS RESOURCE MEASUREMENT FACILITY (RMF) (LY28-0923-0) PROG PROD 5740-XXM, LOGIC
This publication is equivalent to LY28-0923-00.
Manual, 8 1/2 x 11 inches, 394 pgs, 6/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

LT68-6425

OS/VS COBOL SUBROUTINE LIBRARY LOGIC REL 1 (LY28-6425-0)
This publication is equivalent to LY28-6425-0.
Manual, 304 pgs, 8/74
SLSS - ORDER NO. SUBSCRIPTION ONLY

LT68-6486

OS/VS COBOL COMPILER LOGIC PROG PROD 5740-CB1 REL 1 (LY28-6486-1)
This publication is equivalent to LY28-6486-1.
Manual, 656 pgs, 8/74
SLSS - ORDER NO. SUBSCRIPTION ONLY

LT73-6029

CICS OS/VS V1 REL 3 IOGIC, LIC PROG 5740-XX1, (LY33-6029-0)
This manual is equivalent to LY33-6029-00.
Manual, 8 1/2 x 11 inches, 1198 pages, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST73-8041

OS/VS, VM/370 ASSEMBLER LOGIC: VS2 REL 1.6, 1.7 (SY33-8041-0)
This manual is equivalent to SY33-8041-1.
Manual, 276 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST73-8567

DOS/VS ASSEMBLER LOGIC (SY33-8567-0)
This publication is equivalent to SY33-8567-01.
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

LT73-9062

DOS/VS RPG II LOGIC RELEASE 1 (LY33-9062-0)
This manual is equivalent to LY33-9062-00 for S/370 LCS/VS.
Manual, 8 1/2 x 11 inches, 324 pages, 5/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST75-0004

OS/VS2 TSO CMMAND PROCESSOR LOGIC VOLUME III: TEST: REL 1.6, 1.7 (SY35-0004)
This manual is equivalent to SY35-0004
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST75-0005

OS/VS UTILITIES LOGIC: WITH SN35-0008, VS2 REL 1.6, 1.7 (SY35-0005-0)
Back issue of SY35-0005-0.
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST75-0008

OS/VS ACCESS METHOD SERVICES LOGIC: VS2 REL 1.6, 1.7 (SY35-0008-0)
This manual is equivalent to SY35-0008-0.
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST75-7701

VM/370 EREP LOGIC REL 3 PLC1 (SY25-7701-0)
This publication is equivalent to SY25-7701-0.
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

LT83-0011

SUPPLEMENT FOR MVS/SE IOS SUPPORT LOGIC 5740-XE1 RELEASE 2.7 (LD23-0111-1)
This manual is equivalent to LD23-0011-01.
Manual, 8 1/2 x 11 inches, 44 pages, 9/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LT83-0020

SUPPLEMENT FOR MVS/SE TO VOLUME 7 LOGIC 5740-XE1 R3.7 V2 (LD23-0020-0)
This manual is equivalent to LD23-0020-00.
Manual, 8 1/2 x 11 inches, 96 pages, 11/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

ST83-9015

SUPPLEMENT FOR VM/370 BSEPP TO VM/370 INTRCDUCTION
This manual is equivalent to SE23-9015-00.
Manual, 8 1/2 x 11 inches, 32 pages, 4/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST83-9016

SUPPLEMENT FOR VM/370 BSEPP TO VM/370 PLANNING AND SYSTEM GENERATION GUIDE, 5748-XX8 (SD23-9016-0)
This manual is equivalent to SD23-9016-00.
Manual, 8 1/2 x 11 inches, 92 pages, 4/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST83-9018

SUPPLEMENT FOR VM/370 BSEPP TO VM/370 SYSTEM PROGRAMMER'S GUIDE, 5748-XX8 (SE23-9018-0)
This manual is equivalent to SD23-9018-00.
Manual, 8 1/2 x 11 inches, 96 pages, 4/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST83-9020

SUPPLEMENT FOR VM/370 BSEPP TO VM/370 OLTSEP AND ERROR RECORDING GUIDE, 5748-XX8
This manual is equivalent to SE23-9020-00.
Manual, 8 1/2 x 11 inches, 24 pages, 4/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

- ST83-9023
SUPPLEMENT FOR VM/370 BSEPP TO VM/370 CMS COMMAND AND MACRO REFERENCE, 5748-XX8 (SD23-9023)
This manual is equivalent to SD23-9023.
Manual, 8 1/2 x 11 inches, 106 pages, 4/78
SLSS - ORDER NO. SUBSCRIPTION ONLY
- ST83-9024
SUPPLEMENT FOR VM/370 BSEPP TO CMS USER'S GUIDE R.1, 5748-XX8 (SD23-9024-0)
This manual is equivalent to SD23-9024-01.
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY
- ST83-9025
SUPPLEMENT FOR VM/370 BSEPP TO CP COMMAND REFERENCE FOR GENERAL USERS 5748-XX8, RELEASE 5 (SD23-9025-0)
This manual is equivalent to SD23-9025-00.
Manual, 8 1/2 x 11 inches, 80 pages, 4/78
SLSS - ORDER NO. SUBSCRIPTION ONLY
- ST83-9026
SUPPLEMENT FOR VM/370 BSEPP TO OPERATING SYSTEMS, 5748-XX8 (SD23-9026-0)
This manual is equivalent to SD23-9026-00.
Manual, 8 1/2 x 11 inches, 60 pages, 3/78
SLSS - ORDER NO. SUBSCRIPTION ONLY
- LT85-0014
SU 21 SUPPLEMENT FOR PROGRAMMED CRYPTOGRAPHIC FACILITY TO OS/VS1 SYSTEM DATA AREAS, 5741-621
This manual is equivalent to LD25-0014-00.
Manual, 3 3/4 x 6 3/4 inches, 8 pages, 6/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- GX09-1000
IBM 129-3270 OPERATOR'S REFERENCE SUMMARY
This Operator's Reference Summary is a handy compendium of the most frequently needed information for operating the 129-3270 attachment. This summary is for the use of 129-3270 operators; also IBM FE and Marketing personnel.
Fanfold Card 3-2/3 x 8-1/2 inches
//14//0129/
- GX09-1001
IBM 129-3270 (RPO 8T0105) OPERATOR'S REFERENCE SUMMARY
This Operator's Reference Summary is a handy compendium of the information needed for operating the key entry attachment to the 129-3270. This summary is for the use of 129-3270 operators; also IBM FE and Marketing personnel.
Fanfold Card, 3-2/3 x 8-1/2 inches
//14//0129/
- GX11-6060
IBM SPECIFICATIONS FOR MAGNETIC CHARACTER READERS FORM
This is a specification form for magnetic character readers.
Form 8 1/2 x 11 inches, U/M 050, 2 sides, 4/78
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GX20-1701
GENERAL PURPOSE SYSTEMS SIMULATOR CODING FORM
PROG. NOS. 5734-XS1, XS2, 5736-XS1, XS3, 360A-CS-17X, 19X
This form is used in conjunction with the construction of models with the GPSS III Simulator. It provides the field formats required by the program as input.
Padded Form, 25 sheets, 8 1/2 x 11
NOT AVAILABLE UNDER SLSS
- GX20-1710
IBM 2314 DIRECT ACCESS STORAGE FACILITY CAPACITY AND TRANSMISSION TIME REFERENCE CARD
This reference card provides a convenient reference and several informative examples for planning and programming purposes. Tables include timing and capacity with and without keys.
Reference Card, 3 folds
360,370//07//2314/
- GX20-1711
IBM SYSTEM/360 RECORD LAYOUT WORKSHEET
Padded forms showing double word, word, halfword and byte boundaries. Bytes marked to accommodate packed-decimal digits. Provides for two records of 256 positions each, both in hexadecimal and decimal numbering.
Padded form, 11 x 6-1/2 inches, 50 sheets per pad
NOT AVAILABLE UNDER SLSS
- GX20-1751
IBM 2260 DISPLAY FORMAT
This coding sheet is used in designing displays for the 2260. The form provides space for a display to be transmitted from System/360 to a 2260, and expected operator response.
Padded Form, 25 sheets, 8 1/2" x 11"
NOT AVAILABLE UNDER SLSS
- GX20-1759
IBM 1287 OPTICAL READER DESIGN FORMATS
This sheet contains formats for laying out forms to be read by the 1287. The form includes standard mark-read column designs, hand-printed blocks from two to seven digits and optical reference marks.
Padded Form, 25 sheets, 8 1/2" x 11"
NOT AVAILABLE UNDER SLSS
- GX20-1761
MATHEMATICAL PROGRAMMING INPUT FORM
SYSTEM/360 - 1130
This is a Mathematical Programming Input Form 25 sheets to a pad, 8 1/2 x 11, 3 hole punch.
Padded Form, 25 sheets, 8 1/2" x 11"
NOT AVAILABLE UNDER SLSS
- GX20-1787
DEBUGGING AID
DIRECT EVALUATION OF FLOATING POINT NUMBERS IN HEXADECIMAL
The following tables can be used to evaluate a floating point number represented in hexadecimal form. The technique uses a table lookup in the hexadecimal integer table, and a table lookup in the hexadecimal fraction table. The user unites the integer from the first table with the fraction from the second table, to form one number, and then performs a calculation to obtain the value of the floating point number.
Pocket-size Booklet
360,370//01///
- GX20-1816
150/10/6 PRINT CHART
This 11" x 18" chart is printed in green ink and provides 150 printing positions (at 10 positions per inch horizontally) for a printer carriage space-setting of 6 lines per inch. This form replaces GX20-1776 which allowed for a printing span of 144 characters. Printer charts requiring 150-character spans (3211 with 18 additional print position feature) may be prepared using this chart. This chart may be reproduced using most standard office copying machines. The grid and other preprinted information may be "dropped-out" using a green filter.
Padded Form, 11 x 18, 25 sheets
NOT AVAILABLE UNDER SLSS
- GX20-1818
150/10/8 PRINT CHART
The 11" x 18" chart is printed in green ink and provides 150 printing positions (at 10 positions per inch horizontally) for a printer carriage space-setting of 8 lines per inch. This form replaces GX20-1778 which allowed for a printing span of 144 characters. Printer charts requiring 150-character spans (3211 with 18 additional print positions) may be prepared using this chart. This chart may be reproduced using most standard office copying machines. The grid and other preprinted information may be "dropped-out" using a green filter.
Padded Form, 11 x 18, 25 sheets
NOT AVAILABLE UNDER SLSS
- GX20-1850
SYSTEM/370 REFERENCE SUMMARY CARD
This reference card is intended primarily for use by S/370 assembly language programmers. It contains basic machine information summarized from the System/370 Principles of Operation (GA22-7000), frequently used information from OS/VS and DOS/VS Assembler Language (GC33-4010), command codes for various I/O devices, and a multi-code translation table.
Reference card, accordion-folded
370//01///
- GX20-1878
IBM 3270 INFORMATION DISPLAY SYSTEM REFERENCE SUMMARY
This publication is intended for use by application programmers. The booklet, consisting of tables of EBCDIC and ASCII codes and related graphics for basic data, control functions, addressing, etc., will be updated from time to time to reflect system changes. The reader is cautioned, however, that the authoritative source of information for this booklet is the IBM 3270 Information Display System Description (GA27-2749), which will be first to reflect changes.
Reference Summary, 48 pages, 3/76
//09//3271,3272,3275/
- GX20-1920
IBM 3330 SERIES DISK STORAGE (3333 MODELS 1 AND 11, 3330 MODELS 1, 2 AND 11): REFERENCE SUMMARY
This reference summary summarizes device characteristics and provides a capacity table for records with and without keys.
Summary, 2 folds
370//07//3330,3333/
- GX20-1926
VM/370 QUICK GUIDE FOR USERS REFERENCE SUMMARY
This publication describes the essential VM/370 operations for the new user. It also provides a brief description of

all VM/370 commands for the experienced user. Only a limited amount of prior VM/370 knowledge is assumed for the section on VM/370 operations. See the "Preface" for prerequisite publications. The user of the command descriptions section should have a thorough understanding of VM/370 command syntax and usage.
Summary booklet, 200 pages
//36//5749

GX20-1927

ASP VERSION 3 ASYMMETRIC MULTIPROCESSING SYSTEM: OPERATORS REFERENCE BOOKLET - PROG. NO. 360A-CX-15X
This publication is a pocket-size reference summary of all commands and dynamic support programs (DSP) names, descriptions and commands.
Handbook, 14 pages
360,370//36/OASP//

GX20-1961

VIRTUAL MACHINE FACILITY/370 REFERENCE, LIC PROG 5749-010 REFERENCE SUMMARY COMMANDS (GENERAL USER)
This reference summary contains CP Class G and Class Any commands, RSCS commands, selected CMS commands, and selected service aid statements and/or commands that the general user can issue. This reference summary presumes that the user has a working knowledge of VM/370
For VM/370 commands other than the commands listed in this reference summary, refer to VM/370 Commands (Other than General User), Order No. GX20-1995. For more extended but condensed information about VM/370 commands, see IBM Virtual Machine Facility/370: Quick Guide for Users, GX20-1926.
Summary Card 8-1/2 X 3-5/8 folded, 16 pages
//36//5749

GX20-1972

IBM 3890 DOCUMENT PROCESSOR REFERENCE SUMMARY
This summary card is intended for 3890 users and programmers. Information in this publication is extracted from the 3890 Document Processor Machine and Programming Description (GA24-3612), which is the authoritative reference source and will be the first to reflect changes.
Reference Card, 3-5/8 x 8-1/2 inches, 8 panels
3031,3032,3138,3148,3033,3155,3165,3145,3135,3158,3168//
04//3890/

SX20-1976

TSO/3270/SPF (PROG PROD 5740-XT2) TEMPLATE
No Abstract Available.
Form
//5740-XT2

GX20-1977

AUTOMATED UNIT TEST (AUT) VM/370 CMS VERSION (IUP 5796-PEB) QUICK GUIDE FOR USERS REFERENCE SUMMARY
This reference summary contains basic information from the AUT Program Description and Operations Manual, SH20-1662.
Reference Summary, 6 Folds, 7 Panels
/////

GX20-1978

AUTOMATED UNIT TEST (AUT) TSO AND BATCH OS/VS VERSION (IUP 5796-PEC) QUICK GUIDE FOR USERS REFERENCE GUIDE
This reference summary contains basic information from the AUT Program Description and Operations Manual, SH20-1663.
Reference Summary, 6 FOLDS, 7 Panels
/////5796-PEC

GX20-1979

3340 DIRECT ACCESS STORAGE REFERENCE SUMMARY
No abstract available.
Summary, 6 pages
370//07//3340,3344/

GX20-1981

3275/3277 PROGRAM FUNCTION KEY TEMPLATE
This transparent plastic template holds a preprinted, removable cardboard insert (also furnished) on which 3275/3277 program function key assignments developed by the user may be recorded. The template and insert have a cut-out and will fit around the PF key area on a 3275/3277 keyboard. Ten templates are provided in each package (unit of measure equals 10 (ten)). Also included are 15 (fifteen) cardboard inserts.
Plastic template, 2 7/8 x 7 1/4 inches (7.3 x 18.2 cm), 6/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX20-1983

3350 DIRECT ACCESS STORAGE, MOD A2, A2F, B2, B2F, C2, C2F
Describes characteristics, formats, features, commands, and capability modes of the IBM 3350 Direct Access Storage Subsystem. These features are described in detail in the Reference Manual, GA26-1638.
Reference card, 8 1/2 x 11 inches, 6 pgs, 2/77
//07//3350/

GX20-1995

VM/370 COMMANDS (OTHER THAN GENERAL USER)
No abstract available.
Reference summary, 8 pages
//36//5749

GX20-2000

DMS/VS, PROG PROD 5740-XC2, PANEL DESCRIPTION FORM
For use in setup of DMS/VS panels.
Padded form, 50 per pad, 10/76

GX20-2004

APL FUNCTION EDITOR FOR APLSV AND VSAPL, IUP 5796-PGX, -PGY REFERENCE GUIDE
Describes edit subcommands and auxiliary functions of APLSV and VSAPL.
Summary, 8 1/2 x 11 inches, 4 panels, 4/77
/////5796-PGX,5796-PGY

GX20-2005

HEXADECIMAL ARITHMETIC REFERENCE SUMMARY
This reference card presents one hexadecimal to decimal (or vice versa) conversion table for integers 000 to 1FF (hex) (max. = 511 decimal); one addition - subtraction table for hexadecimal integers 0 to 17 by 0 to 13; and one multiplication (and limited division) table for hexadecimal integers 0 to 17 by 0 to 13. The card is intended for use as an aid in programming, debugging, etc., especially by those who have occasion to refer to the "System/370 Reference Summary", GX20-1850.
Card, 3-1/2 x 8-1/2 inches, (9 x 21.5 cm) 2 pgs. 1/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX20-2006

CICS SOURCE PROGRAM MAINTENANCE ONLINE II QUICK GUIDE FOR USERS, PROG PROD 5798-CFT
This reference summary lists control screen fields, available functions and control screen examples for CICS Source Program Maintenance Online II.
Reference Summary, 8 1/2 x 3 5/8 inches, 12 pages, 5/77
/////5798-CFT

GX20-2007

3277 TEXT KEYBOARD FORM FOR PROGRAM-ASSIGNABLE CHARACTERS
This handy reference form, which fits on the cover of the IBM 3277 Model 2 text keyboard, provides a means for the operator to record code/key character assignments. The 3277-2 text keyboard may be programmed so that an operator can enter repetitive data, text, controls, commands, etc., with a single keystroke in CODE shift. The ATMS-II program product, for example, permits an operator to assign up to 217 characters for each of 28 keys.
A two or three word summary of an assignment can be written in on the key on the front of the form, and the key strokes to be entered can be written or typed on the reverse side.

When unfolded, the form is legal size and can be duplicated on a copying machine.
20 1-pg forms, 10 vinyl 4 1/4 x 14 inch sleeves/pkg, 6/77

SX20-2008

VNET COMMANDS (USER AND OPERATOR) REFERENCE SUMMARY
Information contained herein is extracted from Virtual Machine Facility/370 Networking: Program Reference and Operations Manual, SH20-1977.
Reference Summary, 21 3/4 x 8 1/2 inches, 12 panels
/////5799-ATA

GX20-2016

VECTOR PROCESSING SUBSYSTEM VPSS REFERENCE CARD
Tabular material for users based on complete program information contained in GC24-5125.
Reference Card, 10 panels, 11/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX20-2024

HIERARCHICAL STORAGE MANAGER, LIC PROG 5740-XRE, USER COMMANDS REFERENCE SUMMARY
No abstract available.
Reference Card, 7 1/4 x 8 1/2 inches, 2 panels, 12/77
/////5740-XRE

GX20-2025

HSM PROG & OPER REF SUM
No abstract available.
Reference Summary
/////5740-XRE

GX20-2030

DISPLAY MANAGEMENT SYSTEM 3770 (DMS/3770), LIC PROG 5748-XC3, LAYOUT FORM
No abstract available.
Form, 1 page, 4/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX20-2032

QUERY BY EXAMPLE: IUP 5796-PKT, REFERENCE SUMMARY CARD
Query-by-Example is a powerful and flexible language which can be used to manipulate tabular information; that is, information arranged by rows and columns. Query-by-Example

lets you look at, update, create, add to, and delete from this data in a convenient and simple manner. For example, you might want to obtain the names of all employees who work second shift in the Chicago area. To obtain a list of these names, you fill in a blank table by typing in the required information, thus asking Query-by-Example to get the list for you. The list of names appears in front of you on a display screen. You can then either act on this information by updating the data or make a new request.

This manual is intended for a wide range of users, from people with little or no computer experience to those who know computers well and use them professionally. Therefore, the manual is organized into three general areas: introduction, language examples, and reference material. The first two sections contain introductory information; they tell you about computers and teach you how to use Query-by-Example. The next four sections show you how to use all of the facilities of the Query-by-Example language to retrieve, update, insert, and delete data from tables, as well as how to create tables of your own, authorize others to use your tables, store queries for later use, and manipulate your output. The last section contains reference material to be used after you have learned the language. Appendices contain additional reference material.
Card, 3 5/8 x 8 1/2 inches, 8/78
/////5796-PKT

GX20-2325

EPIC: FAST - GROUP NAME SHEET - PROG PROD 5735-E92
Provides input to the Epic: Fast Program Product.
Padded form, 25 pgs, 6/77

GX20-2326

EPIC-FAST, GROUP HEADER SHEET - PROG PROD 5735-E92
Provides input to the EPIC: fast program product.
Pad of 25 1-page forms, 6/77

GX20-2328

STRUCTURED PROGRAMMING FACILITY (SPF/TSO) VERSION 2.2, LIC PROG 5740-XT8, QUICK REFERENCE SUMMARY
This Quick Reference Summary is an 8-page folder that summarizes SPF commands and program function keys.
Folder, 8 pages, 10/78
/////5740-XT8

GX20-2339

DMS PANEL DESCRIPTION
No abstract available.
Form
/////5740-XC2,5740-XC5,5746-XC2,5746-XC4

GX20-8020

FLOWCHARTING TEMPLATE
This plastic template provides cut-out shapes for drawing standard symbols used frequently in flowcharting computer systems and programs. It is enclosed in an envelope outlining definitions of symbols and use of the template. More details are given in the Data Processing Techniques manual on FLOWCHARTING TECHNIQUES (GC20-8152).
Template, 10 to a set
NOT AVAILABLE UNDER SLSS

GX20-8021

FLOWCHARTING WORKSHEET
Provides space for drawing program flowcharts and contains an area for identification of the job including application, procedure, data and pagination.
Padded form, w/m 25, 16 1/2 x 11 inches

GX21-9011

IBM 1062 PROGRAM TAPE LAYOUT SHEET
Sheet used to code 1062 Program Tape.
Padded Form, 8 1/2 x 11, one side, 50 sheets
NOT AVAILABLE UNDER SLSS

GX21-9030

IBM PHYSICAL PLANNING TEMPLATE, 1030 DATA COLLECTION SYSTEM
This template gives a scaled representation of the physical planning specifications of the IBM 1030 Data Collection System.
Template, 8 1/2 x 11, 1 page
//15//1030,1031,1032//

GX21-9090

RPG OUTPUT-FORMAT SPECIFICATIONS (FORM)
This is a form for coding RPG output-format specifications for the IBM System/3, System/360, and 1130. It is printed in reproducible green ink.
Padded Form, 50 sheets
NOT AVAILABLE UNDER SLSS

GX21-9091

RPG EXTENSIONS AND LINE COUNTER SPECIFICATIONS SHEET
This form is provided as an aid to the programmer writing an RPG program for the IBM System/3, System/360, and 1130. It is printed in reproducible green ink.
Padded Form, 50 sheets
NOT AVAILABLE UNDER SLSS

GX21-9092

RPG CONTROL CARD AND FILE DESCRIPTION SPECIFICATIONS FORM
This form is provided as an aid to the programmer writing an RPG program for the IBM System/3, System/360, and 1130. It is printed in reproducible green ink.
Padded form, 25 sheets
NOT AVAILABLE UNDER SLSS

GX21-9093

RPG CALCULATION SPECIFICATIONS SHEET
This is a form for coding RPG calculation specifications for the IBM System/3, System/360, and 1130. It is printed in reproducible green ink.
Padded Form, 50 sheets
NOT AVAILABLE UNDER SLSS

GX21-9094

RPG INPUT SPECIFICATIONS FORM
This form is provided as an aid to the programmer writing an RPG program for the IBM System/3. It is printed in reproducible green ink.
Padded Form, 50 sheets
NOT AVAILABLE UNDER SLSS

GX21-9095

RPG INDICATOR SUMMARY FORM
Form for RPG input using indicator categories of record identification, input field definition, calculation result, matching and chaining, control level, conversion, halt, user, and functions.
Padded Form, 25 sheets per pad
NOT AVAILABLE UNDER SLSS

GX21-9096

TRANSLATION TABLE AND ALTERNATE COLLATING SEQUENCE CODING SHEET
This form is provided as an aid for the programmer writing an RPG program for the IBM System/3, System/32, System/34, System/38, System/360, or System/370; and for the programmer using the Sort Utility on the IBM System/3, System/32, or System/34.
This form can be used for the following machine types: 5424, 5320, 5340, 3262, 3410, 3411, 5211, 5424.
Pad, 8 1/2 x 11 inches, 50 pads, 5/79
NOT AVAILABLE UNDER SLSS

GX21-9101

SPECIFICATIONS FOR MAGNETIC CHARACTER READERS
This specification sheet is used in describing the system and stacker specifications for magnetic character readers. It is used by both the IBM 1255 and the IBM 1419 Magnetic character readers.
Padded form, 8 1/2 x 13 1/2 inches, 50 sheets, 3/77
NOT AVAILABLE UNDER SLSS

GX21-9106

IBM 1288 DOCUMENT GAUGE FOR MACHINE SETUP
An illustrated and descriptive document - alignment and machine-setup instruction folder.
Reference Card, 2 pages
360,370//04//1288//

GX21-9129

RPG DEBUGGING TEMPLATE
This template is a quick tool for programmers debugging RPG.
Template
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX21-9139

RPG AUTO REPORT SPECIFICATIONS
This form is provided as an aid to the programmer writing an RPG II program using the RPG Auto Report feature. It is printed in reproducible green ink.
Padded form, 8-1/2 x 11 inches, 25 sheets per pad
NOT AVAILABLE UNDER SLSS

GX21-9155

IBM 3740 DATA ENTRY SYSTEM PHYSICAL PLANNING TEMPLATE
This template is for those people responsible for the physical planning layout of a 3740 Data Entry System installation.
Template
//15//3740,3741,3742,3747,3713//

GX21-9171

IBM 3747 DATA CONVERTER REFERENCE CARD
This reference card is provided as an aid to operators when an error occurs on the 3747 Data Converter. It contains the message codes for the messages which will occur most often.
Reference Card, 6 pgs, 5/73
//08//3747//

GX21-9172

IBM 3741/3742 REFERENCE CARD

This reference card is provided as an aid to the operator using the 3741 Data Station or 3742 Dual Data Station. It contains error codes, program codes, required data set label fields, and status line.

Card, 4 pages
//08//3741,3742/

GX21-9185

IBM 3747 DATA CONVERTER RUN SHEET

The IBM 3747 Data Converter Run Sheet is used to provide the operator with the necessary information for running a job on the 3747 data converter. It contains a description of the job (disk to tape, etc.), disk ID numbers, and job statistics.

Padded form, 50 per pad
NOT AVAILABLE UNDER SLSS

GX21-9186

IBM 3740 JOB INSTRUCTIONS FORM

The IBM 3740 Job Instructions sheet is a two-sided form which is used to provide the operator with the necessary information for running a job on the 3740 System. The front side is used for explaining how to run the job, disposition of documents, what fields are included. The reverse side lists the program codes for the 3740 System and explains their function.

Padded form, 1 page, printed on both sides
NOT AVAILABLE UNDER SLSS

GX21-9187

IBM 3740 SYSTEM PRINT CHART

The IBM 3740 System Print Chart is used by the operator for specifying how printing is to be performed on the 3740 System.

Padded form, 1 page
NOT AVAILABLE UNDER SLSS

GX21-9204

IBM 3741 PROGRAMMABLE WORK STATION MODELS 3-4 REFERENCE CARD

The reference card is intended to provide a quick look up of correct coding in an ACL (Application Control Language) program. The control statements in ACL are described on the card. The card is intended for ACL programmers.

Reference Card, 1 page, both sides, 7 x 9 inches
//08//3741/

GX22-6834

PUNCHED CARD AND TAPE I/O AND PRINTERS, FOR SYSTEM/360 AND SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE

Equipment templates on 8-1/2 by 11 inch acetate sheets, four pages, for planning machine room layouts. Scale: 1/4 inch equals one foot. Includes one 1017, one 1018, three 1403-2,3,7's, three 1403-N1's, one 1404-2, one 1442-N1,N2, one 1442 abutted to one 1443, one 1443-N1 or 1445-N1, one 2501-B1,B2, one 2520-B1,B2,B3, three 2540-1's, one 2560-A1, one 2671, two 2821-1,2,4,6's, two 2821-3,5's, one 2822, one 2826-1, two 3211's, two 3505-B1,B2's, two 3525-P1,P2,P3's, and two 3811's.

8-1/2 x 11 inch acetate templates, 4 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX22-6837

2401 - 2404 AND 2415 MAGNETIC TAPE UNITS

This pocket-size reference folder is to assist in estimating tape processing times and block (record) capacity per full reel.

Reference Card, 7-1/4 x 14, 3 folds
360,370//05//2401,2404,2415/

GX22-6855

IBM PHYSICAL PLANNING TEMPLATE: SYSTEM/360 AND SYSTEM/370 MAGNETIC TAPE UNITS AND CONTROLS

Equipment template on 1-1/2 x 11 inch acetate sheet, 1 page for planning machine room layouts. Scale: 1/4 inch equals 1 foot. Includes all models of following magnetic tape units/controls; 2402, 2403, 2404, 3410, 3411.

8-1/2" x 11" acetate template, 4 pages
//15//2402,2403,2404/

GX22-6857

IBM PHYSICAL PLANNING TEMPLATE: SYSTEM/360 AND SYSTEM/370 COMMUNICATIONS EQUIPMENT

Equipment templates on 8-1/2 by 11 inch acetate sheets, two pages, for planning machine room layouts. Scale: 1/4 inch equals one foot. Includes four 2701's, two 2702's, one 2703, one 2711, one 2715-1,2, two 7770-3's, and one 7772-3.

8-1/2 x 11 inch acetate templates, 2 pages
//15//2701,2702,2703,2711,7770,3704,3705,7772/

GX22-6858

IBM PHYSICAL PLANNING TEMPLATE: SYSTEM/360 AND SYSTEM/370 DATA STORAGE DEVICES

Equipment templates on 8-1/2 x 11 inch acetate sheets, six pages, for planning machine room layouts. Scale: 1/4 inch

equals one foot. Includes four 2301-1's, two 2302-3,4's, four 2303-1's, two 2305-1,2's (shown on two facilities), eight 2311-1's, one 2312-A1, two 2313-A1's, one 2314-A1, one 2314-B1, one 2314-1, two 2319-A1's, (with two shown 2319-B1, two 2319-B2's, four 2321-1's (with two shown abutted), one 2820-1, two 2835-1,2's, four 2841-1's, two 2844's, six 3330's (two on one facility and four on another), and two 3830's.

8-1/2 x 11 inch acetate templates, six pages
//15//2301,2321,2311,2303,2302,2314,2305,3333/

GX22-6859

IBM PHYSICAL PLANNING TEMPLATE: SYSTEM/360 AND SYSTEM/370 CONSOLES AND TERMINALS

Equipment templates on 8-1/2 x 11 inch acetate sheets, two pages, for planning machine room layouts. Scale: 1/4 inch equals one foot. Includes two 2150's, two 2250-1's, two 2250-3's, two 2260's with keyboards, two 2260's without keyboards, one 2285, two 2840-2's, four 2848's (two of both types), one 3210-1, one 3210-2, and one 3215-1.

8-1/2 x 11 inch acetate templates, two pages
//15//2250,2150/

GX22-6860

IBM PHYSICAL PLANNING TEMPLATE: SYSTEM/360 AND SYSTEM/370 MAGNETIC AND OPTICAL CHARACTER READERS

Equipment templates on 8-1/2 x 11 inch acetate sheets, two pages, for planning machine room layouts. Scale: 1/4 inch

Includes: 1231 Model N1
1255 Models 1, 2, and 3
1259 Model 2
1285 Model 1
1287 Models 1 to 5
1288 Models 1 to 5
1412 Models 1
1418 Models 1 to 3
1419 Model 1
1428 Models 1 to 3

8-1/2 x 11 inch acetate templates, two pages
//15//1285,1231,1418,1428,1287,1288,1412,1259,1419,1255/

GX22-6925

IBM PHYSICAL PLANNING TEMPLATE: SYSTEM/360 AND SYSTEM/370 FIELD ENGINEERING FURNITURE AND TEST EQUIPMENT

Furniture and test equipment templates on 8-1/2 x 11 inch acetate sheet, for planning FE room layouts. Scale: 1/4 inch equals one foot. Includes one desk, one workbench, one study table, one bookcase, one card file, one microfiche viewer, one tool and test equipment cart, one ESM cart, one FE/DAU, one BSM analyzer, and two shelf cabinets, two parts cabinets, two book carts, and three file cabinets.

8-1/2 x 11 inch acetate templates, one page
360,370//15//

GX22-6981

PHYSICAL PLANNING TEMPLATE, SYSTEM/370 MODEL 195

Equipment templates on 8-1/2 x 11 inch acetate sheets, 5 pages, for planning machine room layouts. Scale: 1/4 inch equals 1 foot. Includes one composite 3195 Model J and K, one composite 3195 Model KJ and L, one 3060-1, one 3085, one 3086, three 3080s, two 2860s, two 2870s, and four 2880s.

Acetate Template, 5 pages
3195//15//

GX22-6984

IBM SYSTEM/370 MODEL 165 OPERATORS REFERENCE CARD

This reference card highlights necessary operating procedures and abbreviated step-by-step instructions for operating the System/370 Model 165. The information is condensed from the IEM System/370 Model 165 Operating Procedures (GA22-6969).

Reference card
3165//01//

GX22-6985

IBM PHYSICAL PLANNING TEMPLATE: SYSTEM/360 AND SYSTEM/370 CHANNELS: 2860, 2870, AND 2880

Equipment templates on two 8 1/2 x 11 inch acetate sheets, for planning machine room layouts. Scale: 1/4 inch equals one foot. Includes three 2860's, three 2870's, and four 2880-1,2's.

Acetate Templates, 8-1/2 x 11 inches, 2 pages
//15//2860,2870,2880/

GX22-6987

3838 ARRAY PROCESSOR MODELS 1-3 FOR SYSTEM/370: PHYSICAL PLANNING TEMPLATE

IBM Physical Planning Template: 3838 Array Processor Models 1, 2, and 3 for System/370:

Equipment template for planning room layouts. Scale: 1/4 inch equals 1 foot.

Acetate Template, 8 1/2 x 11 inches, 1 pg, 1/77
//15//3838/

GX22-7005

IBM PHYSICAL PLANNING TEMPLATE: SYSTEM/370 MODEL 145

Equipment template on 8-1/2 x 11 inch acetate sheet, 2 pages for planning machine room layout. Scale: 1/4 inch equals 1

foot. Includes 3145 Processing Unit Models GE, GFD, H, HG, I, H2, HG2, I2, IH2 and J2. Also includes 3046 Power Unit Model 1, 3047 Power Unit Model 1, 3210 Console Printer-Keyboard Model 2, and 3345 Storage and Control from Models 1 to 5.

Template, 2 pages
3145//15//

GX22-7006

IBM PHYSICAL PLANNING TEMPLATE SYSTEM/370 MODEL 155
Equipment templates on 8-1/2 x 11 inch acetate sheets, 2 pages, for planning machine room layouts. Scale: 1/4 inch equals 1 foot. Includes one 3155 composite of Models H-J, one 3155 composite of Models JI and K, and one 3210-2. Positioning is also shown for 3210-1 and 3215.
Acetate Template, 2 pages
3155//15//

GX22-7007

IBM PHYSICAL PLANNING TEMPLATE: SYSTEM/370 MODEL 165
Equipment templates on 8-1/2 x 11 inch acetate sheets, three pages, for planning machine room layouts. Scale: 1/4 inch equals one foot. Includes one composite 3165 Models I and J with 3360's, one composite 3165 Models JI and K with 3360's, one composite 3165 Model KJ with 3360's, one 3066-1, and one 3067.
8-1/2 x 11 inch acetate templates, three pages
3165//15//

GX22-7008

IBM PHYSICAL PLANNING TEMPLATE: SYSTEM/370 MODEL 135
Equipment template on 8-1/2 x 11 inch acetate sheet, 1 page, for planning machine room layouts. Scale: 1/4 inch equals one foot. Includes one 3135 with five attached disk storage drives and one 3046-1.
Acetate template, 8-1/2 x 11 inches, 1 page
3135//15//

GX22-7021

IBM PHYSICAL PLANNING TEMPLATE: SYSTEM/370 MODEL 125
Equipment template on 8-1/2 x 11 inch acetate sheet, 1 page for planning machine room layouts. Scale: 1/4 inch equals 1 foot. Includes configurations of 3125 with 5425 and 3203 and 3125 with 3203.
8-1/2 x 11 inch acetate template
3125//15//

GX22-7022

SYSTEM/370 MODEL 168 PHYSICAL PLANNING TEMPLATE
IBM System/370 Model 168, Model 168 Multiprocessing, and Model 168 Attached Processor equipment template on 8-1/2 x 11 inch acetate sheets, for planning machine room layout. Scale: 1/4 inch equals 1 foot. Includes 3168 Processing Unit, 3168-3 Processing Unit, 3062 Attached Processing Unit Model 1, 3066 System Console Models 2 and 3, 3067 Power and Coolant Distribution Unit Models 2 and 3 (SN below 61000), 3067 Power and Coolant Distribution Unit Models 2, 3, and 5 (SN above 61000), and 3068 Multisystem Communication Unit Model 1.
Acetate Template, 5 pages, 7/76
3168//15//

GX22-7023

IBM S/370 MODEL 158 AND MODEL 158 ATTACHED PROCESSOR, MULTIPROCESSING PHYS PLANNING TEMPLATE
Equipment templates on 8-1/2 x 11 inch acetate sheet for planning machine room layout. Scale: 1/4 inch equals 1 foot. Includes 3158 Processing Unit, 3158-3 Processing Unit, 3056 Remote System Console, and 3213 Printer.
8 1/2 x 11 inch acetate templates, 3 pages, 11/76
3158//15//

GX22-7024

3033 PROCESSOR PHYSICAL PLANNING TEMPLATE
IBM Physical Planning Template: IBM 3033 Processor Complex consisting of a 3033 Processor, 3036 Console Model 1, and 3037 Power and Coolant Distribution Unit Model 1.
Equipment Template for planning machine room layouts. Scale: 1/4 equals 1 foot.
Acetate template, 8 1/2 x 11 inches, 2 pgs, 4/77
3033//15//

GX22-7025

3032 PROCESSOR COMPLEX TEMPLATE INCLUDES 3027 POWER AND COOLANT DISTRIBUTION UNIT AND 3036 CONSOLE
IBM Physical Planning Template: IBM 3032 Processor Complex including IBM 3036 Console Model 1 and IBM 3027 Power and Coolant Distribution Unit Model 1.
For planning machine room layouts. Scale 1/4 inch equals 1 foot.
Acetate Template, 8 1/2 x 11 inches, 2 pgs 10/77
3032//15//

GX22-7026

3031 PROCESSOR COMPLEX TEMPLATE INCLUDES 3017 POWER UNIT MODEL 1 AND 3036 CONSOLE MODEL 1
IBM Physical Planning Template: IBM 3031 Processor Complex

including IBM 3036 Console Model 1 and IEM 3017 Power Unit Model 1.

For planning machine room layouts. Scale 1/4 inch equals 1 foot.

Acetate Template, 8 1/2 x 11 inches, 2 pgs 10/77
3031//15//

GX22-7028

IBM PHYSICAL PLANNING TEMPLATE: SYSTEM/370 MODEL 115
Equipment template on 8-1/2 x 11 inch acetate sheet, 1 page for planning machine room layout. Scale: 1/4 inch equals 1 foot. Includes Model 115, 3115 Processing Unit.
Acetate template, 1 page
3115//15//

GX22-7029

3340 DISK STORAGE MODELS A2, B1 AND B2 AND 3344 DIRECT ACCESS STORAGE MODELS B2 AND B2F FOR SYSTEM/370 - PHYSICAL PLANNING TEMPLATE
Equipment Template on 8-1/2 x 11 inch acetate sheet, for planning machine room layouts. Scale: 1/4 inch equals 1 foot. Includes 3340 Disk Storage Models A2, B1, and B2 and 3344 Direct Access Storage Models B2 and B2F.
Acetate template, 1 page, 7/76
//15//3344,3340/

GX22-7030

3420 MAGNETIC TAPE UNIT MODELS 3 TO 8 & 3803 TAPE CONTROL MODELS 1-3 FOR SYSTEM/370: PHYSICAL PLANNING TEMPLATE
Equipment template on 8-1/2 x 11 inch acetate sheet, 1 page for planning machine room layouts. Scale: 1/4 inch equals 1 foot. Includes 3420 Magnetic Tape Unit Models 3 to 8 and 3803 Tape Control Models 1 - 3 for System/370.
Acetate template, 1 page, 7/76
//15//3420,3803/

GX22-7031

3890 DOCUMENT PROCESSOR: PHYSICAL PLANNING TEMPLATE
Equipment template on 8-1/2 x 11 inch acetate sheet (2 pages) for planning machine room layouts. Scale: 1/4 inch equals one foot
Includes: Models A1-A6 and B1-B6
Microfilm Frame
8-1/2 x 11 inch acetate template, 2 pages
//15//3890/

GX22-7032

3704 COMMUNICATIONS CONTROLLER FOR SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE
Equipment template on 8-1/2 x 11 inch acetate sheet, 1 page for planning machine room layout. Sale: 1/4 inch equals 1 foot. Includes 3704 Communications Controller Model 1.
Acetate template, 1 page
//15//3704/

GX22-7035

3410 MAGNETIC TAPE UNIT MODELS 1 TO 3 AND 3411 MAGNETIC TAPE UNIT AND CONTROL MODELS 1 TO 3 FOR SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE
Equipment template on 8-1/2 x 11 inch acetate sheet, 1 page for planning machine room layouts. Scale: 1/4 inch equals 1 foot. Includes 3410 Magnetic Tape Unit Models 1, 2, and 3, and 3411 Magnetic Tape Unit and Control Models 1, 2, and 3.
Acetate template, 1 page
//15//3410,3411/

GX22-7037

2401 MAGNETIC TAPE UNIT MODELS 1 TO 6 AND 8, FOR SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE
Equipment template on 8-1/2 x 11 inch acetate sheet, 1 page for planning machine room layouts. Scale: 1/4 inch equals 1 foot. Includes 2401 Magnetic Tape Unit Models 1 to 6 and 8.
Acetate template, 1 page
//15//2401/

GX22-7038

2415 MAGNETIC TAPE UNIT AND CONTROL MODELS 1 TO 6, FOR SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE
Equipment template on 8-1/2 x 11 inch acetate sheet, 1 page for planning machine room layouts. Scale: 1/4 inch equals 1 foot. Includes 2415 Magnetic Tape Unit and Control Models 1 to 6.
Acetate template, 1 page
//15//2415/

GX22-7039

2420 MAGNETIC TAPE UNIT MODELS 5 AND 7, FOR SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE
Equipment template on 8-1/2 x 11 inch acetate sheet, 1 page for planning machine room layouts. Scale: 1/4 inch equals 1 foot. Includes 2420 Magnetic Tape Unit Models 5 and 7.
Acetate template, 1 page
//15//2420/

- GX22-7041
2495 TAPE CARTRIDGE READER MODEL 1, FOR SYSTEM/370:
IBM PHYSICAL PLANNING TEMPLATE
Equipment template on 8-1/2 x 11 inch acetate sheet, 1 page for planning machine room layouts. Scale: 1/4 inch equals 1 foot. Includes 2495 Tape Cartridge Reader Model 1. Acetate template, 1 page
//15//2495/
- GX22-7042
2803 TAPE CONTROL MODELS 1 TO 3, FOR SYSTEM/370:
IBM PHYSICAL PLANNING TEMPLATE
Equipment template on 8-1/2 x 11 inch acetate sheet, 1 page for planning machine room layouts. Scale: 1/4 inch equals 1 foot. Includes 2803 Tape Control Models 1 to 3. Acetate template, 1 page
//15//2803/
- GX22-7043
2804 TAPE CONTROL MODELS 1 TO 3, FOR SYSTEM/370:
IBM PHYSICAL PLANNING TEMPLATE
Equipment template on 8-1/2 x 11 inch acetate sheet, 1 page for planning machine room layouts. Scale: 1/4 inch equals 1 foot. Includes 2804 Tape Control Models 1 to 3. Acetate template, 1 page
//15//2804/
- GX22-7044
2816 SWITCHING UNIT MODEL 1, FOR SYSTEM/370:
IBM PHYSICAL PLANNING TEMPLATE
Equipment template on 8-1/2 x 11 inch acetate sheet, 1 page for planning machine room layouts. Scale: 1/4 inch equals 1 foot. Includes 2816 Switching Unit Model 1. Acetate template, 1 page
//15//2816/
- GX22-7045
3540 DISKETTE INPUT/OUTPUT UNIT MODELS B1 AND B2 FOR SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE
Equipment template on 8-1/2 x 11 inch acetate sheet, 1 page for planning machine room layout. Scale: 1/4 inch equals 1 foot. Includes 3540 Models B1 and B2. Template, 1 page
//15//3540/
- GX22-7047
IBM PHYSICAL PLANNING TEMPLATE: 3330 DISK STORAGE MODELS 1, 2, AND 11; 3333 DISK STORAGE & CONTROL MODELS 1 AND 11 FOR S/370; 3830 STORAGE CONTROL MODELS 1, 2 AND 3 FOR S/370
Equipment template for planning machine room layouts. Scale: 1/4 inch equals 1 foot.
Includes: 3330 Models 1, 2 and 11
3333 Models 1 and 11 for 370
3830 Models 1, 2 and 3 for 370
Acetate template, 8-1/2 x 11 inches, 3 pages, 8/76
//15//3330,3333,3830/
- GX22-7051
3705 COMMUNICATIONS CONTROLLER FOR SYSTEM/370:
PHYSICAL PLANNING TEMPLATE
Equipment template on 8-1/2 by 11 inch acetate sheet for planning machine layouts. Scale: 1/4 inch equals one foot; includes 3705 Communications Controller and 3705 Expansion Module.
8-1/2 x 11 inch acetate template, 1 page
//15//3705/
- GX22-7052
IBM PHYSICAL PLANNING TEMPLATE FOR 3881 OPTICAL MARK READER MODELS 1 TO 3 AND 3886 OPTICAL CHARACTER READER MODELS 1 AND 2
Equipment template on 8-1/2 x 11 inch acetate page for planning machine room layouts.
Scale: 1/4 inch equals one foot.
Includes: 3881 Models 1 to 3
3886 Models 1 and 2
Acetate Template, 1 page
//15//3881,3886/
- GX22-7053
IBM 3851 MASS STORAGE FACILITY PHYSICAL PLANNING TEMPLATES
Equipment template for planning machine room layouts. Scale: 1/4 inch equals one foot
Includes: 3851 Models A1 to A4 and B1 to B4.
Acetate Template/ 1 page
//15//3850,3851/
- GX22-7054
3800 PRINTING SUBSYSTEM FOR SYSTEM/370: PHYSICAL PLANNING TEMPLATE
IBM Physical Planning Template: 3800 Printing Subsystem for System/370
Equipment template on 8 1/2 x 11 inch acetate sheet, for planning machine room layouts. Scale: 1/4 inch equals 1 foot. Includes 3800 Printing Subsystem with and without Burster-Trimmed-Stacker for System/370.
8 1/2 x 11 inch Acetate template, 7/76
//15//3800/
- GX22-7057
3350 DIRECT ACCESS STORAGE MODELS A2, A2F, E2, B2F, C2, AND C2F PHYSICAL PLANNING TEMPLATE
Equipment template on 8-1/2 x 11 inch acetate sheet, for planning machine room layouts. Scale: 1/4 inch equals 1 foot. Includes 3350 Direct Access Storage Models A2, A2F, B2, B2F, C2, and C2F for System/370.
Acetate template, 1 page, 7/76
//15//3350/
- GX22-7058
IBM PHYSICAL PLANNING TEMPLATE: SYSTEM/370 MCDL 138
Template for planning machine room layouts. Scale: 1/4 inch equals 1 foot. Includes IBM 3138 Processing Unit, IBM 3046 Power Unit Model 1, and IBM 3203 Printer Model 4.
8-1/2 x 11 inch Acetate Template, 10/76
3138//15//
- GX22-7059
IBM PHYSICAL PLANNING TEMPLATE: SYSTEM/370 MCDL 148
Template for planning machine room layouts. Scale: 1/4 inch equals 1 foot. Includes IBM 3148 Processing Unit, IBM 3047 Power Unit Model 1, and IBM 3203 Printer Model 4.
8-1/2 x 11 inch Acetate Template, 10/76
3148//15//
- GX22-7061
3031 ATTACHED PROCESSOR COMPLEX WITH 3041 ATTACHED PROCESSING UNIT - PHYSICAL PLANNING TEMPLATE: INCLUDES 3017 PRINTER MODEL 1 AND 3036 CONSOLE MODEL 1 - PHYSICAL PLANNING TEMPLATE
IBM Physical Planning Template: 3031 Attached Processor Complex with 3041 Attached Processing Unit, 3017 Printer Model 1 and 3036 Console Model 1.
Equipment template on 8 1/2 x 11 inch acetate sheet for planning machine room layouts. Scale: 1/4 inch equals 1 foot.
Acetate Template, 8 1/2 x 11 inches, 9/78
3041//15//
- GX22-7062
3033 MULTIPROCESSOR COMPLEX TEMPLATE: INCL 3036, 3037, 3038
IBM Physical Planning Template: 3033 Multiprocessor Complex including 3036 Console Model 1, 3037 Power and coolant Distribution Unit Model 1 and 3038 Multiprocessor Communication Unit Model 1.
Equipment template for planning machine room layouts. Scale 1/4 inch equals 1 foot.
3 Acetate Templates, 8 1/2 x 11 inches, 5/78
//15//3033/
- GX22-7063
IBM 3895 DOCUMENT READER/INSCRIBER
Equipment template on 8 1/2 x 11 inch acetate sheet for planning machine room layouts. Scale: 1/4 inch equals 1 foot.
Acetate Template, 8 1/2 x 11 inches, 1 pg, 8/78
//15//3895/
- GX22-7064
IBM 3896 TAPE-DOCUMENT CONVERTER
Equipment template on 8 1/2 x 11 inch acetate sheet for planning machine room layouts. Scale: 1/4 inch equals 1 foot.
Acetate Template, 8 1/2 x 11 inches, 1 pg, 8/78
//15//3896/
- GX22-7065
IBM 3287 PRINTER MODELS 1 AND 2 PHYSICAL PLANNING TEMPLATE
IBM Physical Planning Template: 3287 Printer Models 1 and 2.
Equipment template on 8 1/2 x 11 inch acetate sheet for planning machine room layouts. Scale: 1/4 inch equals 1 foot.
Acetate Template, 8 1/2 x 11 inches, 9/78
//15//3287/
- GX22-7066
IBM 3287 PRINTER MODELS 1 AND 2 PHYSICAL PLANNING TEMPLATE
IBM Physical Planning Template: 3287 Printer Models 1 and 2.
Equipment template on 8 1/2 x 11 inch acetate sheet for planning machine room layouts. Scale: 20 millimeters equals 1 meter.
Acetate Template, 8 1/2 x 11 inches, 9/78
//15//3287/
- GX22-7067
IBM 3250 GRAPHICS DISPLAY SYSTEM PHYSICAL PLANNING TEMPLATE (SCALE 1:48)
Equipment template on 8 1/2 x 11 inch acetate sheet for planning machine room layouts.
Scale: 1/4 inch equals one foot (1:48). Includes a full configuration of:
3258 control Unit
3255 Display Controls
3251 Display Stations
Plastic template, 8 1/2 x 11 inches, 1 pg, 7/78

//15//3250,3258/

GX22-7068

IBM 3250 GRAPHICS DISPLAY SYSTEM PHYSICAL PLANNING TEMPLATE (SCALE 1:50)
Equipment template on 8 1/2 x 11 inch acetate sheet for planning machine room layouts.

Scale: 20 mm equals one meter (1:50). Includes a full configuration of:

3258 Control Unit
3255 Display Controls
3251 Display Stations

Plastic Template, 8 1/2 x 11 inches, 1 pg, 7/78
//15//3250,3258/

GX22-7069

IBM 3203 PRINTER MODEL 5

Equipment template on 8 1/2 x 11 inch acetate sheet for planning machine room layouts. Scale: 1/4 inch equals 1 foot.

Acetate Template, 8 1/2 x 11 inches, 1 pg, 8/78
4331,4341//15//3203/

GX22-7070

IBM 3203 PRINTER MODEL 5

Equipment template on 8 1/2 x 11 inch acetate sheet for planning machine room layouts. Scale: 20 mm = 1m.

Acetate Template, 8 1/2 x 11 inches, 1 pg, 8/78
4331,4341//15//3203/

GX22-7073

PHYSICAL PLANNING TEMPLATE FOR 8809 MODELS1A, 2 AND 3 (1/4 INCHES = 1 FOOT SCALE)

Physical planning template for 8809 magnetic tape unit models 1A, 2 and 3 for 8100 System, and 4300 Processors (U.S. and Canada scale).

Template
//15//8809/

GX22-7074

PHYSICAL PLANNING TEMPLATE FOR 8809 MODELS 1A, 2 AND 3 (10 mm = 0.5 m)

Physical planning template for 8809 magnetic tape unit models 1A, 2 and 3 for 8100 System and 4331 processor (metric scale).

Acetate template, 8 1/2 x 11 inches, 1/79
//15//8809/

GX22-7075

3033 ATTACHED PROCESSOR COMPLEX PHYSICAL PLANNING TEMPLATE

This is an equipment template on 8 1/2 x 11 inch acetate sheet for planning machine room layouts. Scale: 1/4 inch equals 1 foot. It covers physical planning for the 3033 Attached Processor Complex, including 3042 Attached Processor Model 1, 3036 Console Model 1, and 3037 Power and Coolant Distribution Unit Model 1.

Template, 8 1/2 x 11 inches, 2/79
3033//15///

GX22-7076

PHYSICAL PLANNING TEMPLATE FOR 3880 STORAGE CONTROL (10 mm = 0.5 m)

4300 Processors: physical planning template for 3880 Storage Control (metric scale).

Acetate template, 8 1/2 x 11 inches
//15//3880/

GX22-7077

PHYSICAL PLANNING TEMPLATE FOR 3880 STORAGE CONTROL(1/4 INCH = 1 FOOT)

4300 Processors: Physical planning template for 3880 Storage Control (1/3 in. = 1 ft scale).

Acetate template, 8 1/2 x 11 inches, 1/79
//15//3880/

GX22-7078

PHYSICAL PLANNING TEMPLATE FOR 3370 MODELS A1 AND B1 (10 mm = 0.5 m)

Physical planning template for 3370 Direct Access Storage, Models A1 and B1 (metric scale). For use with IBM 4300 Processors, 4341 and 4331.

Acetate template, 8 1/2 x 11 inches, 1/79
4331,4341//15//3370/

GX22-7079

PHYSICAL PLANNING TEMPLATE FOR 3370 MODELS A1 AND B1 (1/4 INCH = 1 FOOT)

Physical planning template for 3370 Direct Access Storage Models A1 and B1 (U.S. and Canada scale) for use with IBM 4300 Processors: 4341 and 4331.

Acetate template, 8 1/2 x 11 inches
4331,4341//15//3370/

GX22-7080

PHYSICAL PLANNING TEMPLATE FOR 3310 MODELS A1/A2 AND B1/B2

Physical Planning template for 3310 Direct Access Storage Models A1/A2 and B1/B2 for use with 4331 Processor (metric scale)

Acetate template 8 1/2 x 11 inches, 1 page, 1/79
//15//3310/

GX22-7081

PHYSICAL PLANNING TEMPLATE FOR 8860 MODELS A1, A2,B1, B2 (1/4 INCH = 1 FOOT)

Physical Planning template for 3310 Direct Access Storage Models A1/A2 and B1/B2 for use with 4331 Processor (U.S. and Canada scale).

Acetate template, 8 1/2 x 11 inches, 1/79
//15//3310/

GX22-7082

3262 PRINTER MODEL 1 PHYSICAL PLANNING TEMPLATE: FOR SYSTEM/370 AND 4300 PROCESSORS

IBM Physical Planning Template: 3262 Printer Model 1.

Equipment template on 8 1/2 x 11 inch acetate sheet for planning machine room layouts. Metric scale: 10 mm = 0.5 m.

Acetate template, 8 1/2 x 11 inches, 3/79
//15//3262/

GX23-0001

OS/VS1 SERVICE AIDS REFERENCE SUMMARY

This summary is intended to be a quick guide to the major or most-used functions of the service aids. The JCL and control statements are valid as shown, but they represent only the simplest form of the programs they illustrate.

Reference Card - 3 5/8 x 8 1/2 - 14 panels, 1/75
//37///5741

GX23-0002

OS/VS2 SERVICE AIDS REFERENCE SUMMARY

This summary is intended to be a quick guide to the major or most-used functions of the service aids. The JCL and control statement examples are valid as shown, but they represent only the simplest form of the programs they illustrate.

Reference Card - 3 5/8 x 8 1/2 - 12 panels, 1/75
//37///5752

GX23-0003

S/370 REFERENCE SUMMARY JES3 OPERATOR COMMANDS DYNAMIC SUPPORT PROGRAMS

Contains all JES3 operator commands. Summarized from OS/VS2 MVS Operator's Library: JES3 commands, OS/VS2 System Programming Library: JES3 Debugging Guide and OS/VS2 MVS System Programming Library: JES3.

Manual, 8 x 9 1/2 inches, 33 pages, 9/78
//40///5752-826

SX23-0004

OPERATOR'S LIBRARY: NETWORK JOB ENTRY FOR JES2 COMMAND LANGUAGE REFERENCE SUMMARY

This card is for use by anyone using the JES2 NJE Command Language. It provides a summary of the command syntax. It should be used in conjunction with Operator's Library: Network Job Entry Facility for JES2, Commands, SC23-0011.

Reference Card, 35/8 x 8 1/2 inches, 10 panels, 1/78
////5740-XR8

GX23-0005

OPERATOR'S LIBRARY: OS/VS2 MVS JES2 COMMAND LANGUAGE REFERENCE SUMMARY

This is a reference card documenting the JES2 Commands Syntax taken from the Operator's Library: OS/VS2 MVS JES2 Commands, GC23-0007, which is the first to reflect changes. This card is used for quick reference to JES2 commands.

This card obsoletes Operator's Library: OS/VS2 (JES2) Command Language Reference Summary, GX38-0227.

Card, 8 x 18 inches, scored, 10 panels, 5/77
////5752-803

GX23-0201

IBM 3276/3278 TROUBLE REPORT FORM

This form is used by the customer to report 3276/3278 machine malfunction symptoms to the IBM service representative.

Padded Form, 25 sheets per pad, 3 pages, 9/77
//09//3276,3278/

GX23-0202

IBM 3275/3277 TROUBLE REPORT FORM

No abstract available

Padded Form, 25 sheets per pad, 10/77
//09//3275,3277/

GX23-0203

IBM 3274 CONTROL UNIT PROBLEM REPORT FORM

Report form for reporting problems which occur on the IBM 3274 Control Unit.

Pad, 8 1/2 x 5 1/2 inches, 15 sheets, 2 sides, 1/78

360,370//09//3274/

- GX23-0204
IBM 3284/3286/3288 TROUBLE REPORT FORM
 This form is used by the customer to report 3284/3286/3288 machine malfunction symptoms to the IBM service representative.
 Padded form, 25 sheets per pad, 11/77
 //03//3284,3286,3288/
- GX24-3092
IBM 1050 DATA COMMUNICATIONS SYSTEM TRANSMISSION - LIMITED MAXIMUM-MESSAGE-RATE GRAPH
 Graph used to plot message rate of system.
 Padded Form, 8 1/2 x 11, 1 side, 25 sheets
 NOT AVAILABLE UNDER SLSS
- GX24-3124
PLANNING CHART, IBM 1050 DATA COMMUNICATION SYSTEM
 This chart provides space for the planning of problems on the IBM 1050 Data Communication System.
 Padded Form, 17 x 11, 2 sides, 25 sheets
 NOT AVAILABLE UNDER SLSS
- GX24-3139
IBM 1050 DATA COMMUNICATION SYSTEM, OPERATOR INSTRUCTION SHEET
 This chart provides space for entering data for operating instructions for the IBM 1050 Data Communication System.
 Padded Form, 8 1/2 x 11, 2 sides, 25 sheets
 NOT AVAILABLE UNDER SLSS
- GX24-3285
IBM 1030 DATA COLLECTION SYSTEM, IBM 1031 PROGRAM CHART
 This chart provides space for entering data on the IBM 1031 Program for the IBM 1030 Data Collection System.
 Padded Form, 11 x 17, 1-1/2 sides, 25 sheets
 NOT AVAILABLE UNDER SLSS
- GX24-3381
1050 DATA COMMUNICATIONS SYSTEM: PHYSICAL PLANNING TEMPLATE
 This template gives a scaled representation of the physical planning specifications for the IBM 1050 Data Communication System.
 Template, 8 1/2 x 11, 1 page
 //15//1050,1051,1052,1053,1054,1055,1056,1058/
- SX24-3646
3895 FIELD COORDINATE GAUGE
 No abstract available.
 Plastic template, 12 x 10 inches, 1 page, 3/78
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SX24-3690
3896 TAPE DOCUMENT CONVERTER TAPE COPY TICKET SAMPLES
 No abstract available.
 4 forms, 3.66 x 8.75 inches, stapled between 2 covers, 3/78
 //04//3896/
- GX24-3728
4331 PROCESSOR PHYSICAL PLANNING TEMPLATE (1:50)
 Equipment template for planning machine room layouts.
 Scale: 50 mm = 1 meter.
 Transparent acetate template, 8 1/2 x 11 inches, 1/79
 4331//15///
- GX24-3729
4341 PROCESSOR PHYSICAL PLANNING TEMPLATE (1:50)
 Equipment template for planning machine room layouts.
 Scale: 50 mm = 1 meter.
 Transparent acetate template, 8 1/2 x 11 inches, 1/79
 4341//15///
- GX24-5101
OS/VS1 TRACE TABLE OVERLAY
 This is a clear plastic overlay to be used over VS1 Trace Table printouts when reading dumps. It is a debugging aid. It can be used only with dumps printed under OS/VS1 Releases 1 through 3.1. When placed over the printout, it delimits each of the entries in the trace table and eliminates the need for the user to physically mark, on the dump, the start (or end) of each trace table entry.
 Plastic overlay, 1 page
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SX24-5102
IBM 3895 DIDM FIELD-LOCATION GAUGE
 This gauge is intended as an aid in obtaining the coordinates for the AREA keyword of the TRANL, DEPL, and OCR macros of DIDM (program number 5748-F12).
 Plastic template, 1 pg, 5/77
 ////3895/5748-F12
- SX24-5103
DL/I DOS/VS VERSION 1.3 APPLICATION PROGRAMMING REFERENCE SUMMARY PROGRAM NUMBER 5746-XX1
 This reference summary is intended for the DL/I DOS/VS user who is responsible for writing and maintaining DL/I DOS/VS application programs. It provides a quick reference for the experienced user and therefore contains a minimum amount of guidance or explanatory text.
 Topics covered are: COBOL, PL/I, and Assembler language entry and return statements for DL/I DOS/VS application programs, PCB mask, DL/I call format, call parameters, SSA format and usage, command codes, and JCL.
 Fanfold Reference Summary, 5 panels, 2 sides, 3/78
 ////5746-XX1
- SX24-5104
DL/I DOS/VS VERSION 1.3 SYSTEM PROGRAMMING REFERENCE SUMMARY PROGRAM NUMBER 5746-XX1
 This reference summary is intended for the DL/I DOS/VS user who is responsible for designing and implementing DL/I DOS/VS data bases. It provides a quick reference for the data base administrator and system programmer and therefore contains a minimum amount of guidance or explanatory text.
 Topics covered are: DBD generation for HS and HD data bases, logical relationships, rules for logical relationships, primary and secondary indexes, PSP generation, and JCL.
 Fanfold Reference Summary, 5 panels, 2 sides, 3/78
 ////5746-XX1
- SX24-5119
VIRTUAL MACHINE FACILITY/370: REMOTE SPCCLING COMMUNICATIONS SUBSYSTEM NETWORKING, LIC ERG 5748-XP1, REFERENCE SUMMARY
 This card provides RSCS Networking users and operators with a useful reference summary. It contains command syntax, line driver characteristics, examples, and other practical information summarized from VM/370 RSCS Networking Program Reference and Operations Manual (SH24-5005).
 Reference card, 3/79
 ////5748-XP1
- GX24-6599
MULTIPLE CARD LAYOUT FORM - 80 COLUMN
 Used to Layout Field Headings and Other Information for Data Processing Cards.
 Padded Form, 8-1/2 x 11, 25 per pad
- GX26-1587
DECIMAL/HEXADECIMAL INTEGER CONVERSION CHART
 This chart is used to convert decimal numbers to hexadecimal and hexadecimal numbers to decimal.
 The chart covers the range of integers from 0000 to 4095. Additional instructions are provided to convert decimal and hexadecimal numbers beyond this range.
 Reference Summary, 8-1/2 x 3-5/8" folded, 7 folds, 2 sides
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GX26-1588
DECIMAL/HEXADECIMAL FRACTION CONVERSION CHART
 This chart is used to convert decimal fractions to hexadecimal and hexadecimal fractions to decimal.
 The chart covers the range of fractions from 0.00000000 to 0.00075586. Additional instructions are provided to convert decimal and hexadecimal fractions beyond this range.
 Reference Summary, 8-1/2 x 3-5/8" folded, 7 folds, 2 sides
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GX26-1618
2730 MODEL 1 TRANSACTION VALIDATION TERMINAL REFERENCE SUMMARY
 This Reference Card is intended to help you install and operate the IBM 2730-1 Transaction Validation Terminal (TVT). The 2730 TVT has been designed for quick, simple installation and ease of use.
 In addition to this card, a set of system operating instructions should be obtained from the central organization which controls and operates the system. These instructions describe the day-to-day operation of the 2730 TVT and should be read, along with this card, before installing and operating the 2740 TVT.
 Reference Summary, 3 3/4 x 8 1/2 inches, 8 panels, 6/72
 360,370//14//2730/
- GX26-1639
IBM 3800 PRINT CHART
 Instructions for using this form are in the Forms Design Reference Guide for the 3800 Printing Subsystem, GA26-1633.
 Padded form, 25 per pad, 4/77
- GX26-1640
IBM 3800 PRINT CHART
 Instructions for using this form are in the Forms Design Reference Guide for the 3800 Printing Subsystem, GA26-1633.
 Padded form, 25 per pad, 4/77
- GX26-1641
IBM 3800 PRINT CHART
 Instructions for using this form are in the Forms Design Reference Guide for the 3800 Printing Subsystem, GA26-1633.
 Padded form, 25 per pad, 4/77

GX26-1642

IBM 3800 PRINT CHART

Instructions for using this form are in the Forms Design Reference Guide for the 3800 Printing Subsystem, GA26-1633. Padded form, 25 per pad, 4/77

GX26-1643

IBM 3800 PRINT CHART

Instructions for using this form are in the Forms Design Reference Guide for the 3800 Printing Subsystem, GA26-1633. Padded form, 25 per pad, 4/77

GX26-1644

IBM 3800 PRINT CHART

Instructions for using this form are in the Forms Design Reference Guide for the 3800 Printing Subsystem, GA26-1633. Padded form, 25 per pad, 4/77

GX26-1649

3800 PRINTING SUBSYSTEM OPERATOR REFERENCE CARD

This card summarizes printer conditions and provides page references to primary areas of operator activity. It should be used as a companion publication along with the IBM 3800 Printing Subsystem Operator's Guide, GA26-1634. Reference card, 1 page
//03//3800/

GX26-1652

IBM 3800 PRINTING SUBSYSTEM - PRINT LINE AND CHARACTER PITCH GAUGE

Plastic Gauge for measuring the number of print lines that can be placed on various forms. It also can measure the number of characters that can be placed on each line at 10, 12, and 15-pitch. The gauge is intended for general use by personnel involved in forms layout/planning or operators of the 3800 Printing Subsystem. Plastic Gauge, 1 pg,

GX26-1655

IBM 3800 TAPE-TO-PRINTER SUBSYSTEM REFERENCE CARD

This card contains summarized status codes, control options, and internal diskette formats for offline tape-to-printer operation. This card is intended for system analysts, system programmers, and for operators who are involved in performing and preparing set up operations, or responding to status codes for offline operation. Customer Engineers can also use this card for quick reference to the information provided. Fanfold card, 3 5/8 x 8 1/2 inches, 14 panels, 12/77
//13//3800/

SX26-3701

CICS/VS REFERENCE SUMMARY: PROGRAM DEBUGGING

This card is intended primarily as a debugging aid for users of CICS/OS/VS and CICS/DOS/VS. It contains frequently referenced information, which includes:

- o Trace Table entries
- o Summary storage-management information
- o Summary information for control areas and tables:
 - Common Systems Area
 - Task Control Area
 - Terminal Control Table
- o Schematic diagrams of CICS/VS control areas and tables

Fanfold card, 3 5/8 x 8 1/2 inches, 16 panels
SLSS - ORDER NO. SUBSCRIPTION ONLY

SX26-3710

VS BASIC FOR VSPC: REFERENCE SUMMARY, PROG 5748-XXI

This is a digest of the VS BASIC Language and of the requirements for its use under VSPC. It assumes the reader is familiar with the language and system details described in VS BASIC Language, GC28-8303, and VS BASIC for VSPC: Terminal User's Guide, SH20-9060, respectively. Card 8 1/2" x 3 5/8", 14 pages, 11/75
/////5748-XXI

SX26-3711

VSPC FORTRAN REFERENCE SUMMARY PROG 5748-F02

This card contains quick reference information for using VSPC FORTRAN under VSPC. It includes some commonly-referred-to terminal operating procedures, VSPC FORTRAN language syntax, and lists of the use and syntax of the VSPC commands most frequently used by the VSPC FORTRAN USER. It assumes you are familiar with the FORTRAN IV language as described in the IBM System/360 and System/370 FORTRAN IV Language, GC28-6515, and the VSPC FORTRAN Terminal user's Guide, SH20-9062. Card 8 1/2" x 3 5/8", 14 pages, 4/76
/////5748-F02,5748-F02

SX26-3712

VS APL (5748-AP1) REFERENCE SUMMARY

This is a handy guide to the APL language and system commands supported by the IBM program product VS APL. VS APL runs under the IBM program product VS Personal Computing (OS/VS1 VSPC, OS/VS2 VSPC, and DOS/VS VSPC) and under the Conversational Monitor System (CMS) of the Virtual Machine Facility/370 (VM/370). This publication is directed to general users of VS APL. The user is assumed to be familiar with the APL language, as presented in APL Language, GC26-3847, and system details in the appropriate terminal user's guide: VS APL for CMS: Terminal User's Guide, SH20-9067, or VS APL for VSPC: Terminal User's Guide. Booklet, 8 1/2 x 2 5/8 inches, 20 pages, 1/76

/////5748-AP1

GX26-3713

IBM 3800 PRINTING SUBSYSTEM CHARACTER DESIGN AND CODING FORM

This coding form is for the use of application programmers and system programmers who design and code user-designed characters to be printed by the IBM 3800 Printing Subsystem. Instructions for using the form are in any 3800 Printing Subsystem programmer's guide. Padded Form, 50 sheets, 12/75
NOT AVAILABLE UNDER SLSS

GX26-3716

DE/DC DATA DICTIONARY FIELD DEFINITION FORM,PROG PRODS 5740-XXF, 5746-XXC

This coding form, for use with the batch input facility of the DE/DC Data Dictionary program product, provides the means for bulk entry of data relevant to the definition of fields (and segments). This form is used to collect data to add new field definitions to the data dictionary or to add data to an existing definition. Several types of records can be coded.

Instructions for using this form are in DE/DC Data Dictionary User's Guide (SH20-9083).

Pad of 25 forms, 11 x 17 inches, 25 pgs, 8/77

GX26-3717

DE/DC DATA DICTIONARY SEGMENT DEFINITION FORM,PROG PROD 5740-XXF, 5746-XXC

For use with the batch forms input facility of the DE/DC Data Dictionary program product, this coding form provides the means for bulk entry of data relevant to the definition of a segment. The form is used to collect data to add a new segment definition to the dictionary or to add data to an existing definition. Several types of records can be coded.

Instructions for using this form are in DE/DC Data Dictionary User's Guide (SH20-9083).

Pad of 25 forms, 11 x 17 inches, 25 pgs, 8/77

GX26-3718

DE/DC DATA DICTIONARY TEXT DATA FORM,PROG PROD 5740-XXF, 5746-XXC

For use with the batch forms input facility of the DE/DC Data Dictionary program product, this coding form provides the means for bulk entry of text data (description, user data, and PL/I data). This form is used to collect data that is to be added to a specific subject definition. Three types of records can be coded: header records, input text records, and end records.

Instructions for using this form are in DE/DC Data Dictionary User's Guide (SH20-9083).

Padded form, 11 x 17 inches, 25 pgs, 8/77

GX27-0024

VTAM (LEVEL 1.1) REFERENCE SUMMARY: VS1 REL 4; VS2 REL 3

This reference summary contains information extracted from other VTAM publications. It describes macro instructions, operator commands RPL return codes, and the VTAM publications series. Primary users will be application programmers, network operators, and system programmers. 16 Panel Cards, 8-1/2 x 3-5/8 inches
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX27-0029

DOS/VS VTAM CONTROL BLOCK OVERVIEW

This publication is an overview diagram showing how frequently used control blocks in VTAM relate to each other. This overview can be used in conjunction with DOS/VS VTAM DATA AREAS, SY27-7265-0.

It may be inserted in a binder or used as a wall chart. The first two pages of this overview show control block contents and relationships while the third page shows different Resource Definition Table (RDT) segments for various modes.

11x17, 12 pages
/C/30//5745-010

GX27-0030

OS/VS1 VTAM CONTROL BLOCK OVERVIEW

This publication is an overview diagram showing how frequently used control blocks in VTAM relate to each other. This overview can be used in conjunction with OS/VS1 VTAM Data Areas, SY27-7266. It may be inserted in a binder or used as a wall chart. The first two pages of this overview show control block contents and relationships, while the third page shows different Resource Definition Table (RDT) segments for various modes.

Manual, 11x17 inches, 12 pages (4/30/75)
/C/30//5741

GX27-0031

OS/VS2 MVS VTAM (LEVEL 2) CONTROL BLOCK OVERVIEW

This publication is an overview diagram showing how frequently used control blocks in VTAM relate to each other. This overview can be used in conjunction with OS/VS2 VTAM Data Areas, SY27-7267. It may be inserted in a binder or used as a wall chart. The first two pages of this overview show control block contents and relationships, while the third page shows different Resource Definition Table (RDT) segments for various modes.

Manual, 11x17 inches, 12 pages (4/75)
/C/30//5752

- GX27-0033
DOS/VS VTAM REFERENCE SUMMARY
 This reference summary contains information extracted from other VTAM publications. It describes Macro instructions, operator commands, RPL return codes, and the VTAM publications series. Primary users will be application programmers, network operators, and system programmers. 16 panels, 8-1/2 x 3-5/8 inches, 9/75
 /C/30///5745-010
- GX27-0034
OS/VS VTAM (LEVEL 2) REFERENCE SUMMARY
 This reference summary contains information extracted from other VTAM publications. It describes macro instructions, commands, return codes and the VTAM Publications Library. It is designed for applications programmers, network operators, and system programmers who need a handy reference card of VTAM information.
 Reference Summary, 16 pages, 6/76
 /C/30///5741,5752
- GX27-0048
OS/VS2 SVS VTAM CONTROL BLOCK OVERVIEW
 This publication is an overview diagram showing the relationships of frequently used VTAM control blocks. It may be inserted in a binder or used as a wall chart. The first two pages show control block contents and relationships, while the third page shows resource definition (RDT) segments.
 Manual, 12 pages, 6/76
 /C/30///5742
- GX27-2900
IBM PHYSICAL PLANNING TEMPLATE: COMMUNICATIONS TERMINALS
 This template gives a scaled representation of the physical planning specifications for the IBM Communications Terminals.
 Template, 8 1/2 x 11, 1 page
 360,370//15//2712,2845,5496,2265,3286,2780,2740,2760,3735,1013,3780/
- GX27-2901
IMAGE PLANNING CHART - 2760 OPTICAL IMAGE UNIT, REGISTRATION PUNCHING - ACME
 This form is one of two charts used to define the response positions for the IBM 2760 Optical Image Unit.
 • GX27-2901 - ACME
 • GX27-2902 - OXBERRY
 They are for use in the preparation of preliminary sketches and final artwork. Instruction for use of this form is included in manual GA27-3011.
 Padded form, u/m 25
- GX27-2902
IMAGE PLANNING CHART - 2760 OPTICAL IMAGE UNIT, REGISTRATION PUNCHING - OXBERRY
 This form is one of two charts used to define the response positions for the IBM 2760 Optical Image Unit.
 • GX27-2901 - ACME
 • GX27-2902 - OXBERRY
 They are for use in the preparation of preliminary sketches and final artwork. Instruction for use of this form is included in manual GA27-3011.
 Padded form, u/m 25
- GX27-2903
2760 LAYOUT GUIDE (REGISTRATION PUNCHING - ACME)
 This is a transparent layout guide for 2760 - Acme.
 Plastic sheet, 13 x 11 inches
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GX27-2904
2760 LAYOUT GUIDE (REGISTRATION PUNCHING - OXBERRY)
 This is a transparent layout guide for 2760 - Oxberry.
 Plastic sheet, 13 x 11 inches
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GX27-2905
2760 OPTICAL IMAGE LIMIT AUXILIARY SCREEN OVERLAY GUIDE
 This form is used by the 2760 operator for Auxiliary Screen overlay.
 Form, 7 1/2 x 9 1/4, 1 sheet
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GX27-2909
2770 DATA COMMUNICATIONS SYSTEM: PHYSICAL PLANNING TEMPLATE
 This equipment template on acetate sheet is for the 2770 Data Communication System. Its scale is 1/4 inch equals 1 inch.
 Template
 //15//2770,2772/
- GX27-2910
IBM 2795/2796/2797 OPERATING INSTRUCTIONS
 This pad contains operating instructions for the IBM 2795/2796/2797.
 Padded form, 50 sheets per pad, 3/77
- GX27-2917
3770 DATA COMMUNICATION SYSTEM PHYSICAL PLANNING TEMPLATE
 This template contains plan views for the machines that make up the 3770 Data Communication System. Included are:
- o 3771-3773-3774-3775 Communication Terminals
 - o 3782 Card Attachment Unit
 - o 3784 Line Printer
 - o 3501 Card Reader
- Template
 //15//3770,3771,3773,3774,3775,3776,3777/
- GX27-2918
IBM 3770 DATA COMMUNICATION SYSTEM ERROR LOG OVERLAY
 This is an acetate overlay used by customer engineers in more easily interpreting error log printcuts resulting from following maintenance information procedures given in the IBM 3770 Data Communication System Maintenance Information Base Segments Manuals.
 Acetate overlay, 1 page
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GX27-2922
IBM 3289 LINE PRINTER MODELS 1 AND 2 OPERATOR'S TROUBLE REPORT FORM
 Used by the printer operator to record pertinent error information. When an error or malfunction occurs that cannot be corrected by the operator, the Error Recovery and Problem Determination Guide directs the operator to complete the Trouble Report Form. The operator records the status of the printer when the error occurred, which indicators and switches were on, and any other information that may be helpful to the service personnel.
 Other publications that should be available for the operator's use are:
 • IBM 3289 Line Printer Models 1 and 2 Operator's Guide, GA27-3147
 • IBM 3289 Line Printer Models 1 and 2 Error Recovery and Problem Determination Guide, GA27-3141
 • IBM 3289 Line Printer Models 1 and 2 Operator's Reference Summary, GA27-3148
 25-sheet pad, 8 1/2 x 11 inches, 8/78
 //03//3289/
- GX27-2923
IBM 3287 PRINTER - OPERATOR'S TROUBLE REPORT
 To be filled out by the operator when a problem occurs on the 3287 printer. This report form contains diagrams of the operator's panel, on which the operator marks which lights were on and any digits that were displayed on the Status Indicator when the trouble occurred. This information is used by the service representative to help diagnose the problem.
 Padded form, 25 sheets per pad, 1/78
 //03//3287/
- GX27-2925
3289 LINE PRINTER MODEL 4 OPERATOR'S TROUBLE REPORT FORM
 This form is used by the printer operator to record pertinent error information. When an error or malfunction occurs that cannot be corrected by the operator, the 3289 Error Recovery and Problem Determination Guide directs the operator to complete the Trouble Report Form. The operator records the status of the printer when the error occurred, which indicators and switches were on, and any other information that may be helpful to the service personnel.
 Related Publications are:
 • IBM 3289 Line Printer Model 4 Error Recovery and Problem Determination Guide, GA27-3160
 • IBM 3289 Line Printer Model 4 Operator's Guide, GA27-3159.
 Padded form, 8 1/2 x 11 inches, 2 pages, 3/79
 4331//03//3289/
- GX27-2950
2250 DISPLAY LAYOUT SHEET
 Sheet used to plan locations, on 2250 Display screen, of output areas.
 Padded Form, 17 x 18 1/2, 1 side, 25 sheets
 NOT AVAILABLE UNDER SLSS
- GX27-2951
IBM 3270 INFORMATION DISPLAY SYSTEM LAYOUT SHEET
 Card layout sheet for the 3270 Information Display System.
 Pad, 25 sheets per pad
 NOT AVAILABLE UNDER SLSS
- GX27-2990
PHYSICAL PLANNING TEMPLATE (ENGLISH MEASUREMENT) 3270 INFORMATION DISPLAY SYSTEM
 The purpose of the Templates is to Provide the Customer with Scale Plan View Drawings (English Measure) of Each Unit of the 3270 System to aid in Generating the System Floor Plan.
 2 Acetate Templates 9/77
 //15//3271,3272,3274,3275,3276,3277,3278,3289,3284,3286,3287,3288/
- GX27-2999
PHYSICAL PLANNING TEMPLATE (METRIC MEASUREMENT) 3270 INFORMATION DISPLAY SYSTEM
 The Purpose of the Templates is to Provide the Customer with Scale Plan View Drawings (Metric) of each Unit of the 3270 System to Aid in Generating the System Floor Plan.
 2 Acetate templates, 9/77

//15//3271,3272,3274,3275,3276,3287,3288,3289,3277,3278,
3284,3286/

LX27-3018

ACF/VTAM CONTROL BLOCK OVERVIEW, LIC PROG 5735-RC2 (MVS)
This publication is an overview diagram showing how the most frequently used ACF/VTAM control blocks are related to each other. This overview can be used in conjunction with ACF/VTAM Data Areas for OS/VS2 MVS.
Chart, 11 x 17 inches, 5 pages, 1/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LX27-3019

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) CONTROL BLOCK OVERVIEW, PROG PROD 5746-RC3
This publication is an overview diagram showing how the most frequently used ACF/VTAM control blocks are related to each other. This overview can be used in conjunction with ACF/VTAM Data Areas for DOS/VS.
Chart, 11 x 17 inches, 6 pgs, 9/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SX27-3021

ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5735-RC2 (OS/VS) REFERENCE SUMMARY
This publication contains selected reference information extracted from the Advanced Communication Function for VTAM (ACF/VTAM) Macro Language Reference, SC38-0261 and the Advanced Communication Function for VTAM (ACF/VTAM) Network Operating Procedures, SC38-0259.
Contents include: network operator commands, RPL return codes a summary of the ACF/VTAM macro instructions, and SNA (FM, TS, and LU) profiles as implemented by ACF/VTAM.
Prerequisite Publications: none.
Manual, 3 1/2 x 8 1/2 inches, 32 pages, 1/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

SX27-3022

ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5746-RC3 (DOS/VS) REFERENCE SUMMARY
This publication contains selected reference information extracted from the Advanced Communication Function for VTAM (ACF/VTAM) Macro Language Reference, SC38-0261 and the Advanced Communication Function for VTAM (ACF/VTAM) Network Operating Procedures, SC38-0273-0.
Contents include: network operator commands, RPL return codes, a summary of the ACF/VTAM macro instructions, and SNA (FM, TS, and LU) profiles as implemented by ACF/VTAM.
Prerequisite Publications: None
Handbook, 3 1/2 x 8 1/2 inches, 32 pgs, 9/77
/////5746-RC3

SX27-3030

IBM ACF/VTAM SNA PROBLEM DETERMINATION HANDBOOK
This handbook describes a general approach to help isolating SNA network problems to a component (ACF/VTAM, NCP, IMS, CICS, JES2, TSO/VTAM, VSPC, and SSS). Twelve network problems and the tools needed to detect these problems are presented. Each problem type discussion describes what should happen, asks questions to determine what did happen, and compares the traces and dumps used to determine where the problem occurred.
Manual, 8 1/2 x 3 3/4 inches, 100 pages, 4/78
/////5735-RC2,5746-RC3

GX27-3031

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) LIBRARY REFERENCE SUMMARY
This publication contains a summary of the ACF/VTAM publications, arranged by task. It also contains an information directory by topic to assist the reader in locating information in the ACF/VTAM publications. The publication also explains how to use the ACF/VTAM publications and lists IBM publications that are related to ACF/VTAM.
Reference Summary, 3 5/8 x 8 1/2 inches, 44 pages, 5/78
/////5735-RC2,5746-RC3

GX28-0647

OS/VS2 TSO COMMAND LANGUAGE REFERENCE SUMMARY
This booklet is intended for reference use at a terminal. It outlines the syntax of TSO commands and is based on OS/VS2 TSO Command Language Reference, GC28-0646. The booklet applies to OS/VS2 Release 3.7 and subsequent releases until otherwise indicated, and contains information that applies to the following selectable units:

TSO/VTAM Level 1 (VS2.03.813)
System Security Support (5752-832)
TSO/VTAM Level 2 (5752-858)

Since the command descriptions are brief and only the syntax is presented, the user should have an understanding of the TSO commands and of using a terminal.
Booklet, 3 1/2 x 8 1/2 inches, 100 pages, 5/78
//39//5752

GX28-0684

OS AND OS/VS SMP REFERENCE SUMMARY

This reference card provides information about the System Modification Program (SMP). This information is intended for use by IEM personnel and system programmers responsible for changing and redesigning the installation's operating system.
This card contains formats and descriptions of the SMP control statements, the update control language (UCL) statements, and the modification format control statements. It also has an SMP data set requirements chart plus sample JCL statements for the SMP data sets.
Reference Summary, 14 pages
//37//5741,5742,5752

GX28-1464

COBOL CODING FORM

This form is used for COECL coding.
Form, 8 1/2 x 11, one side, one sheet

GX28-6384

IBM FORTRAN IV REFERENCE CARD

This reference card contains FORTRAN IV information for IBM 1130 System and IBM 1800 System (1130/1800), IBM System/3, IBM System/360 Disk Operating System (DOS), IBM System/360 Operating System (G, H, G1, H Extended, and Code and Go), IBM System/360 Time Sharing System (TSS/360), IBM Call/360-CS (CALL/360), American National Standard FORTRAN, X3.9-1966, and American National Standard Basic FORTRAN, X3.10-1966. This card is intended to be used as a secondary reference. The basic program documentation is the authoritative source and will be the first to reflect any changes and improvements to the FORTRAN IV language.
Fanfold Card, 8 panels, 3-3/4 x 8-1/2 folded size
SLSS - ORDER NO. SUBSCRIPTION ONLY 25///

SX28-6385

VS BASIC (TSO) REFERENCE SUMMARY, PROG PRCD 5748-XX1

This is a digest of the VS BASIC language and the requirements for its use under the TSO system. It assumes the reader is familiar with the language and system details described in VS BASIC Language, Order No. GC28-8303, and Basic TSO Terminal User's Guide, Order No. SC28-8304, respectively.
Reference Summary, 16 panels
/////5748-XX1

SX28-6386

VS BASIC (CMS) REFERENCE SUMMARY, PROG PRCD 5748-XX1

This is a digest of the VS BASIC language and the requirements for its use under the CMS component of the VM/370. It assumes the reader is familiar with the language and system details described in VS BASIC language, Order No. GC28-8303, and BASIC CMS Terminal User's Guide, Order No. SC28-8306, respectively.
Reference Summary, 16 panels
/////5748-XX1

GX28-6400

IBM TIME SHARING SYSTEM -- QUICK GUIDE FOR USERS

This booklet is a small, hand-held type, quick reference manual on TSS. It provides information on terminals, commands, FORTRAN, and Assembler.
Booklet (3 1/2 X 8 1/2), 112 pages
//40/TSS//

GX28-6506

IBM SYSTEM/360 BASIC ASSEMBLER SHORT CODING FORM

This form is designed to assist programmers in coding programs in the IBM System/360 special support basic assembler language, as described in (GC28-6503)
Padded Form, 25 to a Pad, 8-1/2 x 11
NOT AVAILABLE UNDER SLSS

GX28-6507

IBM SYSTEM/360 BASIC ASSEMBLER LONG CODING FORM

This form is designed to assist programmers in coding programs in the IBM System/360 special support basic assembler language, as described in (GC28-6503)
Padded Forms, 25 to a Pad
NOT AVAILABLE UNDER SLSS

GX28-6509

IBM SYSTEM/360 ASSEMBLER CODING FORM

Coding form for entry of source data to be keypunched for Assembler programs. May be used for PL/I or other languages
Padded Form, 25 sheets, 8 1/2 x 14, one side
NOT AVAILABLE UNDER SLSS

SX28-6813

IBM SYSTEM/360 OS/DOS ITF: FLI REFERENCE CARDPROGRAM NUMBERS 5734-RC1, 5736-RC1

A 12-page folder containing the keys to symbols in formats, system information and ITF:PL/I Language.
Program Product Reference Card
/////5734-RC1,5736-RC1

- SX28-6814
IBM SYSTEM/360 OS/DOS ITF: BASIC, REFERENCE CARD, PROG. NOS. 5734-RC3 AND 5736-RC2
 Reference card containing information on system and ITF: BASIC.
 Reference Card
 ////5734-RC2,5734-RC4
- GX28-7327
FORTRAN CODING FORM
 This is a form for coding FORTRAN statements.
 Padded Form, 8 1/2 x 14, one side, 25 sheets
 NOT AVAILABLE UNDER SLSS
- SX28-8193
IBM FORTRAN INTERACTIVE DEBUG FOR OS (TSO) AND VM/370 (CMS) REFERENCE CARD - PROGRAM NUMBER 5734-FO5
 This reference card contains:
 Notation conventions for TESTFORT Subcommands. Instructions for compiling a program for FORTRAN Interactive debug. Requirements for programs used as input to TESTFORT. Instructions for invoking TESTFORT under CMS or TSO. TESTFORT subcommands and their formats.
 Reference Summary, 12 panels, fanfold
 ////5734-FO5,5734-FO5
- SX28-8194
IBM OS COBOL INTERACTIVE DEBUG REFERENCE CARD - PROGRAM PRODUCT 5734-CB4
 This card contains reference information for using COBOL Interactive Debug.
 Card, 12 pages
 ////5734-CB4
- GX28-8195
IBM GUIDE TO ANS COBOL PROGRAM PRODUCTS : REFERENCE SUMMARY
 This reference summary provides a condensed version of essential information concerning American National Standard COBOL Program Products: DOS Subset, DOS Full, OS Full versions 3 and 4, System/3, 1130, TSO Prompter, and Interactive Debug. For each, it includes operation system core requirements for compiler, data set compatibility, device support, program number, monthly fee, debugging aids, availability, particular audience, documentation numbers and other important details.
 Fanfold card, five panels, pocket size
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SX33-6001
DISK OPERATING SYSTEM/360 REFERENCE CARD PL/I OPTIMIZING COMPILER KEYWORDS
 This reference card contains information to readily assist the user of the DOS PL/I Optimizing Compiler. Keywords, their use and examples are included. The information is extracted from the IBM System/360 Disk Operating System PL/I Optimizing Compiler Language Reference Manual, Order Number SC33-0005.
 Reference Card
 ////5736-PL1
- SX33-6002
OS PL/I CHECKOUT AND OPTIMIZING COMPILERS: KEYWORDS REFERENCE SUMMARY, PROG. NOS. 5734-PL1, -PL2, -PL3
 Contains a full list of the PL/I keywords implemented by the OS PL/I checkout and optimizing compilers. The keywords are arranged in alphabetical order and each has a Brief Description of its use.
 Reference Card, 16 sides
 ////5734-PL1,5734-PL2,5734-PL3
- GX33-6004
IBM SYSTEM/370 MODELS 135 AND 138 BYTE-MULTIPLEXER CHANNEL LOAD SUM WORKSHEET
 Designed to facilitate the calculation of load sums for devices that can overrun on the byte-multiplexer channel of the IBM System/370 Models 135 and 138. This worksheet is available in pads of 50.
 Prerequisite Publications: IBM System/370 Model 135 Channel Characteristics, GA33-3010 or IBM System/370 Model 138 Channel Characteristics, GA24-3633.
 Pad of 50 forms, 1 side, 11 x 17 inches
- SX33-6005
OS PL/I CHECKOUT AND OPTIMIZING COMPILERS: TERMINAL COMMANDS AND COMPILER OPTIONS REFERENCE SUMMARY-PROG. NOS. 5734-PL1, PL2, PL3
 Contains the CMS (Conversational Monitor System) and TSO (Time Sharing Option) commands and subcommands most likely to be used by a PL/I programmer when using the OS PL/I checkout and optimizing compilers in conversational mode. It also contains a full list of the options applicable to both compilers. The commands, subcommands, and options are arranged in alphabetical order, and each has a brief description of its use, and in the case of the commands and subcommands, examples.
 Reference Summary (Card), 3-5/8 x 8-1/2, 10 slides
 ////5734-PL1,5734-PL3,5734-PL2
- SX33-6010
CICS/VS VERSION 1 RELEASE 3 PROGRAM DEBUGGING REFERENCE SUMMARY
 This reference summary contains trace table information and storage management information and descriptions of the storage areas that will be useful in debugging a CICS/VS macro level application program. For programs at the command level, the EXEC interface trace table information generally will be sufficient.
 Reference summary, 3 5/8 x 8 1/2 inches, 2/77
 ////5746-XX3,5740-XX1
- SX33-6011
CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) VERSION 1 RELEASE 3, REFERENCE SUMMARY: MASTER TERMINAL OPERATOR (5746-XX3 AND 5740-XX1)
 A quick-reference summary for CICS/VS terminal operators who use the transactions described in the CICS/VS Version 1.3 Operator's Guide (SC33-0080).
 Fanfold Card, 3 5/8 x 8 1/2 inches, 12 pgs, 1/77
 ////5746-XX3,5740-XX1
- GX33-6012
CICS/VS V 1, REL 3 APPLICATION PROGRAMMERS REFERENCE SUMMARY (COMMAND LEVEL), PROG PROD 5740-XX1, 5746-XX3
 Summarizes the commands and ABEND codes required by an application programmer when preparing programs written in ANS COBOL or PL/I to be executed on a CICS/DCS/VS or CICS/OS/VS system.
 Reference Summary, 16 panels, 7/77
 ////5740-XX1,5746-XX3
- SX33-8001
OS/VS SORT/MERGE REFERENCE SUMMARY PROG. PROD. 5740-SM1
 Provides a summary of the information needed to prepare program and job control statements for the CS/VS Sort/Merge program product. The information is summarized from the Programmer's Guide, SC33-4035 which is the authoritative source.
 Fanfold card
 ////5740-SM1
- GX33-8002
DOS/VS SORT/MERGE V2 REFERENCE SUMMARY, PROG PROD 5746-SM2
 Provides a summary of the information needed to prepare program and job control statements for the DCS/VS Sort/Merge Version 2 Program Product.
 The information is summarized from the Programmer's Guide, SC33-4044, which is the authoritative source.
 Reference summary card, fanfold, 14 x 8 1/2 inches (8 panels) 7/77
 ////5746-SM2
- GX33-8500
RECORD LAYOUT
 No abstract available.
 50 sheets per pad
- GX33-9004
DOS/VS POWER/VS REFERENCE SUMMARY
 Intended as quick reference for programmers and operators using POWER and/or POWER RJE. Shows the formats and summarizes the functions of all POWER JECL statements and of all POWER and POWER RJE commands.
 Reference card, 12 panels, 3-5/8 x 8-1/2
 //36//5745-010
- GX34-0022
IBM 3715 OPERATOR'S REFERENCE SUMMARY
 This reference summary is a supplement to the printer section of the IBM 3741 Data Station Operator's Guide, GA21-9131. Common ribbon, forms, and printing problems are listed with corrective actions. Also included are ribbon changing, forms loading, and print adjustment procedures. It is intended that this summary will enable operators to correct minor machine problems and minimize down time.
 Manual, 3 5/8 x 8 1/2 inches, 10 pgs, 4/77
 //08//3715/
- GX34-0041
IBM 5230 DATA COLLECTION SYSTEM 5231 MODEL 1 CONSOLE GUIDE
 This console guide contains a quick and easy set of instructions for operating the IBM 5231 Model 1 controller.
 Reference Card, 8 1/2 x 3 3/4, 10 panels, 12/75
 5230,5231//10//
- GX34-0042
IBM 5230 DATA COLLECTION SYSTEM 5231 MODEL 2 CONSOLE GUIDE
 This console guide contains a quick and easy set of instructions for operating the IBM 5231 Model 2 controller.
 Reference Card, 8 1/2 x 3 3/4, 12 panels, 12/75
 5230,5231//09//
- GX34-0043
IBM 5230 DATA COLLECTION SYSTEM 5231 MODEL 3 CONSOLE GUIDE
 This console guide contains a quick and easy set of instructions for operating the IBM 5231 Model 3 controller.
 Reference card, 8 1/2 x 3 3/4, 10 panels, 12/75
 5230,5231//10//

GX35-5001

IBM SYSTEM/360/370 REFERENCE DATA 2401-2404, 2415, 2420, AND 3420 MAGNETIC TAPE UNITS
This pocket-size reference card assists in estimating tape processing times and block capacities per full reel for all IBM tape systems currently in production. This card obsoletes X22-6837.
Reference Card, 5 folds; pocket size
360,370//05//2401,2404,2415,2420,3420//

LYA2-5213

DL/I - ENTRY LISTINGS - PROG PROD 5746-XX7
Contains SCP program listings for DOS/VS as specified in the title.
Microfiche, 12/75
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA4-3001

CICS DOS/VS, PROG PROD 5746-XX3 V1 R3.0, ASSEMBLER LISTINGS
This document contains assembler listings for all CICS DOS/VS modules and tables supplied in pre-generated form. This document is intended for use by IBM and customer personnel for the detection and correction of program design errors.
Microfiche, 100 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA4-3002

CICS OS/VS V1 R3.0 PROG PROD 5740-XX1, LISTINGS
This document contains assembler listings for all CICS OS/VS modules and tables supplied in pre-generated form. This document is intended for use by IBM and Customer Personnel for the detection and correction of Program design errors.
Microfiche, 100 cards, 4/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA4-3003

CICS DOS/VS PROG 5746-XX3 VER 1 REL 4.0 LISTINGS
This document contains assembler listings for all System/370 CICS DOS/VS modules and tables supplied in pre-generated form. This document is intended for use by IBM and customer personnel for the detection and correction of program design errors.
Microfiche, 100 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA4-3004

CICS OS/VS V1, LIC PROG 5740-XX1, REL 4 MICROFICHE LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche, 100 cards, 8/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0626

APL/360 - DOS ASSEMBLY LISTINGS, PROGRAM NUMBER 5736-XX6, FEATURE CODE 8065, FE SERVICE NUMBER 200157
This set of microfiche cards contains the assembly listings of the APL/360 - DOS Program.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0631

INFORMATION MANAGEMENT SYSTEM (IMS/360) VERS. 2 DATA BASE LISTINGS, VOL. 3, PROG. PROD. 5734-XX6 MAINTENANCE RELEASE OF IMS/360 TO 2.4.1
Contains Type I OS program listings as specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0632

INFORMATION MANAGEMENT SYSTEM/360, VERSION 2, VOLUME 4, DATA COMMUNICATION LISTINGS, MICROFICHE PROG. PROD. 5734-XX6, FEATURE CODE 8083
Contains Type I OS program listings as specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0724

CUSTOMER INFORMATION CONTROL SYSTEM/DOS - ENTRY (CICS/DOS-ENTRY) LISTINGS, PROG. PROD. 5736-XX6
Contains Type I OS program listings as specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0735

CUSTOMER INFORMATION CONTROL SYSTEM/DOS STANDARD (CICS/DOS-STANDARD) LISTINGS, PROG. PROD. 5736-XX7
Contains Type I OS program listings as specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0781

CUSTOMER INFORMATION CONTROL SYSTEM/OPERATING SYSTEM STANDARD (CICS/OS-STANDARD) VERSION 2 PROGRAM LISTINGS MICROFICHE - PROGRAM NUMBER 5734-XX7
This microfiche publication contains the assembly listings for Version 2 of the CICS/OS - Standard Program.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0834

INTERACTIVE QUERY FEATURE (IQF) TO IMS/360: MICROFICHE LISTINGS - PROGRAM NUMBER 5734-XX6
Contains Type I OS program listings as specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0839

DATA LANGUAGE/I DOS/VS LISTING - PROG. NO. 5746-XX1
Contains Type I OS program listings as specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GYB0-0854

ASYMMETRIC MULTIPROCESSING SYSTEM FOR 360, 370 (ASP) PROGRAM LISTING MICROFICHE, PROG NO 360A-CX-15X
Contains Type I OS program listings as specified in the title.
Microfiche, 5/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYB0-0856

S/370 HASP II VERSION 4 MICROFICHE - PROGRAM NUMBER 370H-TX-001
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYB0-0864

GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) BASIC RETRIEVAL SYSTEM MICROFICHE - PROGRAM NUMBER 5734-XX1
Contains Type I OS program listings as specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0865

GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) ARITHMETIC STATEMENT FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1
Contains Type I OS Program Listings as specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0866

GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) TELEPROCESSING SUPPORT FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1
Contains Type I OS program listings as specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0867

GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) CONTROL STATEMENT FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1
Contains Type I OS program listings as specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0868

GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) PROCESSING STATEMENT FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1
Contains Type I OS program listings as specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0869

GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) FORMAL REPORT FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1
Contains type I OS Program Listings as specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0870

GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) HIERARCHICAL FILE SUPPORT FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1
Contains Type I OS program listings as specified in the title.
Microfiche

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0871

GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) UPDATE AND
CREATE FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1
Contains Type I OS program listings as specified in the
title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0872

GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) UTILITY
FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1
Contains Type I OS program listings as specified in the
title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0873

GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) EDIT AND
ENCODE FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1
Contains Type I OS program listings as specified in the
title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0874

GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) FILE MODIFY
FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1
Contains Type I OS program listings as specified in the
title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0875

GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) DATA
LANGUAGE/1 QUERY SUPPORT FEATURE MICROFICHE - PROGRAM
NUMBER 5734-XX1
Contains Type I OS program listings as specified in the
title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0876

GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) EXTENDED
MULTI-FILE SUPPORT FEATURE MICROFICHE - PROGRAM NUMBER
5734-XX1
Contains Type I OS program listings as specified in the
title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYB0-0900

IBM VM/370: CP MICROFICHE - PROGRAM NUMBER 5749-010
This publication is the microfiche of the VM/370 Control
Program. It is divided into four sections:
1. The table of contents and index
2. The assembler listings of the Control Program
modules
3. The label cross reference for CP
4. The PTFs
For convenience, OS/VS1 EREP Assembler Listings are also
included.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYB0-0901

IBM VM/370: CMS MICROFICHE - PROGRAM NUMBER 5749-010
This publication is the VM/370 CMS microfiche. It is
divided into six sections:
1. The Table of Contents and Index
2. The Assembler Listings of the CMS Modules
3. The Assembler Listings of the System Assembler
4. The Assembler Listings of VM/370 BASIC
5. The Label Cross-reference for CMS
6. The PTFs
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYB0-2010

A PROGRAMMING LANGUAGE SHARED VARIABLE LISTINGS
(APLSV PRPQ WE1191) (PROGRAM NO. 5799-AJF)
Contains Type I OS program listings as specified in the
title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-2046

FASTER LANGUAGE FACILITY VERSION 1.0 (FLF/CICS/VS): LISTINGS
PROG. NOS. 5740-XX1 (OS), 5746-XX3 (DOS)
This Microfiche Publication contains the listings for the
FLF/CICS/VS Program.
Microfiche
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LYB0-2218

EXTM, PROG PROD 5746-XX3
No abstract available
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-2221

TELECOMMUNICATIONS ACCESS METHOD, IMS/VS INTERFACE (TCAM)
PROG PROD 5740-XXC
This Microfiche Publication Contains the Listings for the
TCAM IMS/VS Interface.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-2257

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED FUNCTIONS
(TCF-AF) PROG PROD 5740-XXD
This Microfiche Publication Contains the Listings for
TCS-AF.
Microfiche
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LYB0-2293

VM/370 RESOURCE MANAGEMENT SOURCE LISTINGS, PROG 5799-ARQ
Contains SCP program listings for VM/370 as specified in the
title.
Microfiche, 8 cards, 3/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-2346

VM/370 NETWORKING SOURCE LISTINGS, PROG 5799-ATA
This microfiche publication contains the source listings for
VM/370 Networking.
Microfiche, 7 cards, 4/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-2385

TCS-ACF - SOURCE LISTINGS
No abstract available.
Microfiche, 15 cards, 10/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-2449

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATION
FUNCTION (TCS-ACF), LIC PROG 5740-XX3, NETWORKING VERSION 2
SOURCE LISTINGS
This microfiche contains the source listings for this
program for S/370 using OS/VS1 or OS/VS2.
Microfiche, 7 cards, 6/78
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LYB0-2450

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATION
FUNCTION (TCS-ACF), LIC PROG 5740-XX3, BASE V2 SOURCE
LISTING (MICROFICHE)
This microfiche contains the source listings for this S/370
program which runs under OS/VS1 or OS/VS2.
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LYB0-2472

DMS/CICS/VS - DOS, LIC PROG 5746-XX4, SOURCE LISTINGS
Source listings for the DMS/CICS/VS - DCS Microfiche.
Microfiche, 13 cards, 4/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-2474

DMS/CICS/VS OS APPLICATION GENERATION FEATURE, LIC PROG
5740-XX5, LISTINGS
Source listings for the DMS/CICS/VS OS Application
Generation Feature Microfiche.
Microfiche, 1 card, 4/79
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LYB0-8008

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE
(CICS/VS) LISTINGS (OS) PROG. PROD. 5740-XX1
Contains Type I OS program listings as specified in the
title.
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LYB0-8009

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE
(CICS/VS) LISTINGS (DOS) PROG. PROD. 5746-XX3
Contains SCP program listings for DOS/VS as specified in the
title.
Microfiche
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LYB0-8016

IMS/VS V1 SYSTEM LISTINGS PROG PROD 5740-XX2
Contains SCP program listings for OS/VS1 and/or OS/VS2 as
specified in the title.
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LYBO-8017

IMS/VS V1 DATA COMMUNICATION FEATURE LISTINGS
PROG PROD 5740-XX2
 Contains Type I OS program listings as specified in the title.
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LYBO-8018

IMS/VS V1 INTERACTIVE QUERY FACILITY LISTINGS, PROG 5740-XX2
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
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GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) LISTINGS FOR BASIC QUERY FEATURE PROG. PROD. 5740-XX7
 This microfiche publication contains the assembly listings for the Basic Query Feature of the GIS/VS.
 Microfiche
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LYBO-8024

GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) LISTINGS FOR ADVANCED QUERY FEATURE PROG. PROD. 5740-XX7
 This microfiche publications contains the assembly listings for the Advanced Query Feature of GIS/VS.
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GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) LISTINGS FOR MODIFY FEATURE PROG. PROD. 5740-XX7
 This microfiche publication contains the assembly listings for the Modify feature of GIS/VS.
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GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) LISTINGS FOR THE UPDATE/CREATE FEATURE PROG. NO. 5740-XX7
 This microfiche publication contains the assembly listings for the Update/Create Feature of GIS/VS.
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LYBO-8033

PTF NO. 5740-XX2-C-0004 FOR INFORMATION MANAGEMENT SYSTEM/VIRTUAL STORAGE (IMS/VS) DATA BASE LISTINGS - VOLUME 3
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
 Available to each licensee under the licensing agreement from IBM Program Control Center. Available to IBM personnel from IBM Distribution Center.
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PTF NO. 5740-XX2-C-004F FOR INFORMATION MANAGEMENT SYSTEM/VIRTUAL STORAGE (IMS/VS) DATA COMMUNICATION LISTINGS - VOLUME 4
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
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PTF NO. 5740-XX2-C-004F FOR INFORMATION MANAGEMENT SYSTEM/VIRTUAL STORAGE (IMS/VS) INTERACTIVE QUERY FACILITY LISTINGS - VOLUME 6
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
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LYBO-8038

IMS/VS V1 MSC LISTINGS, LIC PROG 5740-XX2
 Listings for the above OS/VS1 and/or OS/VS2 program.
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VS APL PROGRAM LISTINGS, PROG PROD 5748-API
 Microfiche listings for Program Product in title. Available to each licensee under the licensing agreement from IBM Program Control Center. Available to IBM personnel from IBM Distribution Center.
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APL SHARED VARIAELES (APLSV) VERSION 3, LISTINGS, PROG 5799-AQC
 Microfiche listings for Program Product in title. Available to each licensee under the licensing agreement from IBM Program Control Center. Available to IBM personnel from IEM Distribution Center.
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LYBO-8043

VS PERSONAL COMPUTING OS/VS1, LISTINGS, PROG PROD 5740-XR5
 Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
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VSPC FORTRAN PROGRAM LISTINGS, PROG PROD 5748-FO2
 Microfiche listings for Program Product in title. Available to each licensee under the licensing agreement from IBM Program Control Center. Available to IBM personnel from IEM Distribution Center.
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LYBO-8045

VS PERSONAL COMPUTING OS/VS2 PROG 5740-XR6
 Microfiche listings for subject Program Product
 Microfiche, with TNL LNB6-9962, 359 cards, 6/78
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LYBO-8046

DOS/VS VS PERSONAL COMPUTING (VSPC) PROG PROD 5746-XR3, ICR LISTINGS
 Contains SCP program listings for DOS/VS as specified in the title.
 Microfiche, with TNL LNB6-9961, 405 cards, 6/78
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LYBO-8048

DOS/VS VSPC CROSS REFERENCE AND DATA AREAS PROG PROD 5746-XR3
 Microfiche contains three cross-reference reports:
 Symbol where used
 Macro where used
 Macro what used
 and data area descriptions.
 Microfiche, 10/76
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LYBO-8061

OS/VS2 MVS SEQUENTIAL ACCESS METHOD-EXTENDED (SAM-E): DATA AREAS MICROFICHE LISTINGS
 This microfiche lists and describes control blocks in Sequential Access Method-Extended (SAM-E). The information provided about each control block, in addition to its name, includes the following about each of its fields:

- field name
- its offset
- its length
- field description

Control blocks are presented in alphameric order of their common name acronyms.
 Microfiche, 1 card, 1/78
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYBO-8062

OS/VS2 MVS SEQUENTIAL ACCESS METHOD-EXTENDED (SAM-E): SYMBOLIC NAME CROSS REFERENCE TABLE
 This microfiche contains a table which lists each symbolic name that is accessed by more than one module. For each symbolic name, the modules that access it, and the kind of access, are listed. Symbolic names are listed in alphameric order.
 In addition, the publication contains another table which lists each macro that is used by more than one module. For each macro, the names of the modules using it are listed. Macros are listed in alphameric order.
 Microfiche, 3 cards, 1/78
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SYBO-8090

OS/VS2 RELEASE 3 INDEPENDENT COMPONENT: JES3 ASSEMBLY LISTINGS AND CROSS REFERENCE TABLE 5752-SC1-BA
 JES3 assembly listings and cross-reference table are provided primarily to aid the IBM Field Engineering program support representative in diagnosing and correcting program errors.
 Microfiche
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GYBO-8501

MICROFICHE FOR IBM SYSTEM/370 DISTRIBUTED SYSTEM - PROGRAM NUMBER 360A-TX-032
 Program assembly listings for all source modules excluding macros.
 Microfiche

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- GYB1-0012
OS BSAM LOGIC FOR 1419/1275 (MICROFICHE)
 This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract of GY21-0012, same title as above.
 Microfiche, 2/76
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- GYB1-0013
OS DATA MANAGEMENT MACRO LOGIC FOR 1285/1287/1288 (MICROFICHE)
 This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract for GY21-0013, same title as above.
 Microfiche, 2/76
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- LYB1-0450
S/360 DOS RPG II COMPILER, LISTINGS, PROG. PROD. 5736-RG1
 Microfiche assembly listings of DOS RPG II, 5736-RG1
 Microfiche
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- SYB4-5155
OS/VS1 SUPERVISOR LOGIC (MICROFICHE EDITION)
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OS/VS1 I/O SUPERVISOR LOGIC (MICROFICHE EDITION)
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OS/VS1 CHECK POINT/RESTART LOGIC (MICROFICHE EDITION)
 This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract of SY24-5159, same title as above.
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OS/VS1 IPL AND NIP LOGIC (MICROFICHE EDITION)
 This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract for SY24-5160-0, same title as above.
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OS/VS 3886 OPTICAL CHARACTER READER MODEL 1 LOGIC (MICROFICHE)
 This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract of SY24-5162, same title as above.
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- SYB4-5163
OS/VS 3890 DOCUMENT PROCESSOR LOGIC (MICROFICHE EDITION)
 This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract of SY24-5163, same title as above.
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- SYB4-5166
OS/VS1 LOGIC FOR IBM 3540 (MICROFICHE EDITION)
 This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract for SY24-5166-0, same title as above.
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- SYB4-5168
OS/VS1 JOB MANAGEMENT LOGIC VOL 1 (MICROFICHE EDITION)
 This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract for SY24-5168-0, same title as
- above.
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- SYB4-5169
OS/VS1 JOB MANAGEMENT LOGIC VOL 2 (MICROFICHE EDITION)
 This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract for SY24-5169-0, same title as above.
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- SYB4-5170
OS/VS1 RMS LOGIC (MICROFICHE)
 This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract for SY24-5170-0, same title as above.
 Microfiche, 2 cards, 5/77
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- LYB4-6101
DL/I DOS/VS VERSION 1.5 5746-ZZ1-00
 Microfiche program listings and index of basic modules and macros for DL/I DOS/VS Version 1.5 5746-ZZ1-00, a licensed IBM program product.
 Microfiche, reduced 45x, 28 cards, 6/79
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- SYB6-3814
OS/VS LOADER LOGIC (MICROFICHE EDITION)
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- SYB6-3815
OS/VS LINKAGE EDITOR LOGIC (MICROFICHE EDITION)
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- SYB6-3836
OS/VS1 BDAM LOGIC (MICROFICHE EDITION)
 This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract of SY26-3836, same title as above.
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- SYB6-3837
OS/VS1 DADSM LOGIC (MICROFICHE EDITION)
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- SYB6-3838
OS/VS1 ISAM LOGIC (MICROFICHE EDITION)
 This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract of SY26-3838, same title as above.
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- SYB6-3839
OS/VS1 OPEN/CLOSE/EOV LOGIC (MICROFICHE EDITION)
 This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract of SY26-3839, same title as above.
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- SYB6-3840
OS/VS1 SAM LOGIC (MICROFICHE EDITION)
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SYB6-3841

OS/VS1 VIRTUAL STORAGE ACCESS METHOD (VSAM) LOGIC (MICROFICHE EDITION)

This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract for SY26-3841, same title as above.

Microfiche, 2/76

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SYB6-3848

OS/VS2 ICR: CATALOG MANAGEMENT CROSS REFERENCE OS/VS2 ENHANCED VSAM ICR

Contains two cross-reference reports -- Symbol Where Used Report and Macro Where Used Report -- that tell what catalog management modules use each symbolic name and macro. Intended for the maintenance and debugging of catalog management.

Applies to OS/VS2 Enhanced VSAM as an independent component of OS/VS2, Release 3; does not apply to the VSAM and catalog management support that is integral to Release 3.

Microfiche

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SYB7-7266

OS/VS1 VTAM DATA AREAS (MICROFICHE EDITION)

This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract for SY27-7266-0, same title as above.

MICROFICHE, 2/76

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SYB6-3849

OS/VS2 ICR: VSAM CROSS REFERENCE OS/VS2 ENHANCED VSAM ICR

Contains three cross-reference reports -- Symbol Where Used Report, Macro Where Used Report, and Control Flow Report -- that tell what VSAM modules use each symbolic name and macro, and how control flows among the modules and procedures of VSAM. Intended for the maintenance and debugging of VSAM. Applies to OS/VS2 Enhanced VSAM as an independent component of OS/VS2, Release 3; does not apply to the VSAM Support that is integral to Release 3.

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SYB7-7271

OS/VS1 VTAM EXECUTION SEQUENCES (MICROFICHE EDITION)

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OS/VS1 SYSTEM DATA AREAS (MICROFICHE EDITION)

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SYB6-3851

OS/VS AP-1 PLM FICHE

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OS/VS2 DATA AREAS

Contains SCP program listings for OS/VS1 and/or CS/VS2 as specified in the title.

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OS/VS AP-1 PLM FICHE

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SYB8-0635

OS/VS1 SERVICE AIDS LOGIC (MICROFICHE EDITION)

This microfiche set is equivalent to SY28-0635-0.

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SYB7-7240

OS/VS GRAPHICS ACCESS METHOD LOGIC (MICROFICHE EDITION)

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Microfiche, 2/76

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SYB8-0660

OS/VS1 RES ACCOUNT FACILITY LOGIC (MICROFICHE EDITION)

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SYB7-7241

OS/VS GRAPHICS PROBLEM-ORIENTED ROUTINES LOGIC (MICROFICHE)

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SYB8-0662

OS/VS1 OLTEP LOGIC (MICROFICHE EDITION)

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SYB7-7242

OS/VS GRAPHIC SUBROUTINE PACKAGE (GSP) FOR FORTRAN IV, COBOL AND PL/I LOGIC (MICROFICHE EDITION)

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Microfiche, 2/76

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SYB8-0664

DOS/VS AND OS/VS TOLTEP LOGIC (MICROFICHE EDITION)

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MICROFICHE, 2/76

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SYB7-7246

OS/VS BTAM LOGIC (MICROFICHE EDITION)

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OS/VS1 SYS1.LOGREC ERROR RECORDING LOGIC (MICROFICHE EDITION)

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Microfiche, 2/76

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SYB7-7256

INTRODUCTION TO VTAM LOGIC (MICROFICHE EDITION)

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SYB8-0672

OS/VS1 DYNAMIC SUPPORT SYSTEM LOGIC (MICROFICHE EDITION)

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SYB7-7257

OS/VS1 VTAM LOGIC (MICROFICHE EDITION)

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SYB8-0685

OS/VS SYSTEM MODIFICATION PROGRAM (SMP) LOGIC (MICROFICHE)

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SYB8-0742

OS/VS2 MVS DATA AREA USAGE TABLE

This publication provides OS/VS2 MVS Data Area Usage Table information for use in debugging user or system programs. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Fiche, reduced 45x, 1 card
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SYB8-0743

OS/VS2 (MVS) DIRECTORY

This publication provides OS/VS2 (MVS) Directory information for use in debugging User or system programs. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.

The Directory is the same as was in the OS/VS2 System Logic Library - Volume 7 (SY28-0719).
Microfiche
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SYB8-0744

OS/VS2 MVS SYMBOL USAGE TABLE

This publication provides OS/VS2 MVS Symbol Usage Table information for use in debugging user or system programs. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.

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LYB8-0768

OS/VS2 MVS TSO COMMAND PACKAGE DATA AREAS PROG 5740-XT6

This publication provides OS/VS2 (MVS) Data Areas for use in installing and debugging OS/VS2 MVS TSO Command Package

The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche, 1 card, 8/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-0769

OS/VS2 MVS TSO COMMAND PACKAGE DIRECTORY PROG 5740-XT6

This publication provides OS/VS2 (MVS) Data Areas for use in installing and debugging OS/VS2 MVS TSO Command Package

The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche, 1 card, 9/76
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LYB8-0770

OS/VS2 MVS RESOURCE ACCESS CONTROL FACILITY (RACF) DATA AREAS

This publication provides OS/VS2 (MVS) Data Areas for use in installing and debugging OS/VS2 MVS Resource Access Control Facility. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.

Microfiche, 45x, 1 card
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LYB8-0771

OS/VS2 MVS RESOURCE ACCESS CONTROL FACILITY (RACF) DIRECTORY

This publication contains directory reference information about the contents and organization of the program product OS/VS2 MVS Resource Access Control Facility (RACF) Version 1 Release 3. A directory shows the relationship between load module names, CSECT names or reference names, entry point names and alias names. This publication is intended primarily for IBM Programming Support Representatives for use in installing and debugging this program product. The user of this product should have a working knowledge of OS/VS2 functions and logic.

Microfiche, 1 card
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-0838

SUPPLEMENT FOR NJE JES2 REL 2 TO MVS DATA AREAS, 5740-XR8

This microfiche provides OS/VS2 MVS Data Areas information for use in debugging the program product NJE for JES2. The user of this should have a working knowledge of OS/VS2 function and logic. It is intended primarily for IBM Programming Support Representatives.

Microfiche, 1 card, 3/77
/////5740-XR8

LYB8-0888

OS/VS2 MVS RACF DATA AREA USAGE TABLE, PROG PROD 5740-XXH

This microfiche provides OS/VS2 Data Area usage table information for use in installing and debugging the program product RACF. The user of this should have a working knowledge of OS/VS2 function and logic. It is intended primarily for IBM Programming Support Representatives.

Microfiche, 1 card, 6/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-0889

OS/VS2 MVS RACF SYMBOL USAGE TABLE, PROG PROD 5740-XXH

This microfiche provides OS/VS2 MVS Symbol usage table information for use in installing and debugging the program product RACF. The user of this should have a working knowledge of OS/VS2 function and logic. It is intended primarily for IBM Programming Support Representatives.

Microfiche, 1 card, 6/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-0907

OS/VS2 MVS RESOURCE MEASUREMENT FACILITY (RMF) DIRECTORY, PROG PROD 5740-XY4

This publication contains directory reference information about the contents and organization of the program product. A directory shows the relationship between load module names, CSECT names or reference names, entry point names and alias names. This publication is intended primarily for IBM Programming Support Representatives for use in installing and debugging this program product. The user of this product should have a working knowledge of OS/VS2 functions and logic.

Microfiche, 1 card, 5/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-0908

OS/VS2 MVS RMF DATA AREAS

This microfiche provides OS/VS2 MVS Data Areas information for use in installing and debugging the program product RMF. The user of this should have a working knowledge of OS/VS2 function and logic. It is intended primarily for IBM Programming Support Representatives.

Microfiche, 1 card, 6/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-0909

OS/VS2 MVS RESOURCE MEASUREMENT FACILITY (RMF) DATA AREA USAGE TABLE

This publication provides OS/VS2 MVS Data Area Usage Table information for use in installing and debugging the program product. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.

Microfiche, 1 card, 5/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-0910

OS/VS2 MVS RESOURCE MEASUREMENT FACILITY (RMF) SYMBOL USAGE TABLE

This publication provides OS/VS2 MVS Symbol Usage Table information for use in installing and debugging the program product. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.

Microfiche, 1 card, 5/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-0915

OS/VS2 MVS TSO 3270 EXTENDED DISPLAY FACILITY SESSION MANAGER: DATA AREAS, PROG PROD 5740-XE2

This publication provides OS/VS2 MVS Data Areas for use in installing and debugging the program product. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.

Microfiche, 1 card, 8/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-0916

OS/VS2 MVS TSO 3270 EXTENDED DISPLAY FACILITY SESSION MANAGER: SYMBOL USAGE TABLE, PROG PROD 5740-XE2

This publication provides OS/VS2 MVS Symbol Usage Table information for use in installing and debugging the program product. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.

Microfiche, 1 card, 8/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-0917

OS/VS2 MVS TSO 3270 EXTENDED DISPLAY FACILITY SESSION MANAGER: DIRECTORY, PROG PROD 5740-XE2

This publication contains directory reference information about the contents and organization of the program product. A directory shows the relationship between load module names, CSECT names or reference names, entry point names and alias names. This publication intended primarily for IBM Programming Support Representatives for use in installing and debugging this program product. The user of this product should have a working knowledge of OS/VS2 functions and logic.

Microfiche, 1 card, 8/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-0918

OS/VS2 MVS TSO 3270 EXTENDED DISPLAY FACILITY SESSION MANAGER: DATA AREA USAGE TABLE, PROG PROD 5740-XE2

This publication provides OS/VS2 MVS Data Area Usage Table information for use in installing and debugging the program

product. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives. Microfiche, 1 card, 8/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

Microfiche, 2/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYB8-0945

NETWORK JOB ENTRY FACILITY FOR JES 2 RELEASE 3, LIC PROG 5740-XR8, DIRECTORY
This publication contains directory reference information about the contents and organization of the program product. A directory shows the relationship between load module names, CSECT names or reference names, entry point names and alias names. This publication is intended primarily for IBM Programming Support Representatives for use in installing and debugging this program product. The user of this product should have a working knowledge of OS/VS2 functions and logic.
Microfiche reduced 45x, 1 card, 2/78
/////5740-XR8

GYC0-2011

OS/MFT, OS/MVT, AND OS/VS1: CRJE LOGIC - PRG 360-RC-551 & SCP COMPONENT 5741-SC1-08 (MICROFICHE EDITION)
This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract of GY30-2011, same title as above.
Microfiche, 2/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYB8-0946

NETWORK JOB ENTRY FACILITY FOR JES 2 RELEASE 3, LIC PROG 5740-XR8, DATA AREA USAGE TABLE
This publication provides OS/VS2 MVS Data Area Usage Table information for use in installing and debugging the program product. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche reduced 45x, 1 card, 2/78
/////5740-XR8

SYC0-2069

OS/VS1 TCAM LOGIC (MICROFICHE EDITION)
This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract for SY30-2069-0, same title as above.
Microfiche, 2/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYB8-0947

NETWORK JOB ENTRY FACILITY FOR JES 2 RELEASE 3, LIC PROG 5740-XR8, SYMBOL USAGE TABLE
This publication provides OS/VS2 MVS Symbol Usage Table information for use in installing and debugging the program product. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche reduced 45x, 1 card, 2/78
/////5740-XR8

SYC0-9000

IBM VM/370 RSCS LISTINGS, PROGRAM NO. 5749-010
This publication is for the VM/370 Remote Spooling Communication Subsystem, (RSCS), Microfiche Program Listings. Contains SCP program listings for VM/370 as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYB8-0959

OS/VS2 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY DATA AREAS, LIC PROG 5740-XY5
This publication provides OS/VS2 MVS Data Areas for use in installing and debugging the program product. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche reduced 45x, 1 card, 3/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYC0-9001

VM/370 IPCS MICROFICHE
This publication is for the VM/370 Interactive Problem Control System (IPCS) Program Listings.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC0-9002

VM/370 AP LISI PLC 4 R4
No abstract available.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYC0-9003

VM/370 SEPP LIST
No abstract available.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-0960

OS/VS2 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY DIRECTORY, LIC PROG 5740-XY5
This publication contains directory reference information about the contents and organization of the program product 5740-XY5. A directory shows the relationship between load module names, CSECT names or reference names, entry point names and alias names. This publication is intended primarily for IBM Programming Support Representatives for use in installing and debugging this program product. The user of this product should have a working knowledge of OS/VS2 functions and logic.
Microfiche reduced 45x, 1 card
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC0-9004

VM/370 BSEPP LISTINGS, LIC PROG 5748-XX8
Microfiche listings for System/370 VM/370 Basic System Extensions Program Product (BSEPP).
Microfiche (with TNL LNB5-0371), 5/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC0-9005

BSEPP REL 2.0 VM/370 BASIC SYSTEM EXTENSICNS, LIC PROG 5748-XX8, MICROFICHE LISTINGS
Microfiche for all purchasers of this product.
Microfiche reduced 45x, 97 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC0-9008

DMS/CMS, LIC PROG 5748-XXE, MICROFICHE LISTINGS
Microfiche for all purchasers of this product.
Microfiche, reduced 45x, 8 cards, 3/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-0961

OS/VS2 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY, LIC PROG 5740-XY5, SYMBOL USAGE TABLE
This publication provides OS/VS2 MVS Symbol Usage Table information for use in installing and debugging the program product OS/VS2 MVS Programmed Cryptographic Facility. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche reduced 45x, 1 card, 5/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC0-9009

VM/INTERACTIVE FILE SHARING VM/IFS, LIC PROG 5748-XXC, MICROFICHE LISTINGS
Microfiche for all purchasers of this product.
Microfiche, reduced 45x
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-0962

OS/VS2 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY DATA AREA USAGE TABLE
This publication provides OS/VS2 Data Area Usage Table information for use in installing and debugging the program product OS/VS2 MVS Programmed Cryptographic Facility. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche reduced 45x, 1 card
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYC3-8041

OS/VS AND VM/370 ASSEMBLER LOGIC (MICROFICHE EDITION)
This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract of SY33-8041, same title as above.
Microfiche, 2/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYB8-6849

OS/VS1 RES RTAM & WORKSTATION SUPPORT LOGIC (MICROFICHE)
This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract for SY28-6849-0, same as title above.

SYC5-0003

OS/VS1 CATALOG MANAGEMENT LOGIC (MICROFICHE EDITION)
This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract for SY35-0003, same title as above.
Microfiche, 2/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYCS-0005

OS/VS UTILITIES LOGIC (MICROFICHE EDITION)
This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract for SY35-0005-0, same title as above.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

Microfiche, 3,2 x 7,4 cm, 1 card, 3/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-0455

ADVANCED FUNCTIONS - DOS/VS IPL AND BUFFER LCAD, 5746-E2-IPL
Microfiche Assembly listings for all Advanced Functions - DOS/VS IPL Modules.
Microfiche, 3,2 x 7,4 cm, 1 card, 3/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYCS-0008

OS/VS1 ACCESS METHOD SERVICES LOGIC (MICROFICHE EDITION)
This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract for SY35-0008, same title as above.
Microfiche, 2/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYC7-0456

ADVANCED FUNCTIONS - DOS/VS JOB CONTROL, 5746-E2-JCL
Microfiche Assembly listings for all Advanced functions - DOS/VS Job Control Modules.
Microfiche, 3,2 x 7,4cm, 3 cards, 3/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYCS-0012

OS/VS1 MSSC LOGIC (MICROFICHE EDITION)
This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract for SY35-0012-0, same title as above.
Microfiche, 3/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYC7-0457

ADVANCED FUNCTIONS DOS/VS LIBRARIAN 5746-E2-LBR MICROFICHE
Microfiche Assembly Listings for all Advanced Functions DOS/VS Librarian modules.
Microfiche, 3,2 x 7,4 cm., 4 cards, 3/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYCS-0014

OS/VS MSC TRACE REPORTS LOGIC (MICROFICHE EDITION)
This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract of SY35-0014, same title as above.
Microfiche, 2/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYC7-0458

ADVANCED FUNCTIONS DOS/VS LINKAGE EDITOR 5746-E2-LNK MICROFICHE
Microfiche Assembly Listings for all Advanced Functions DOS/VS Linkage Editor modules.
Microfiche, 3,2 x 7,4 cm., 1 card, 3/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYCS-0015

OS/VS MASS STORAGE SYSTEM SERVICES LOGIC (MICROFICHE)
This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract for SY35-0015, same title as above.
Microfiche, 2/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYC7-0459

ADVANCED FUNCTIONS DOS/VS PDAIDS 5746-E2-PDA MICROFICHE
Microfiche Assembly Listings for all Advanced Functions - DOS/VS PDAID modules.
Microfiche, 3,2 x 7,4 cm., 3 cards, 3/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYCS-0016

OS/VS MSC TABLE CREATE LOGIC (MICROFICHE EDITION)
This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract of SY35-0016, same title as above.
Microfiche, 2/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYC7-0460

ADVANCED FUNCTIONS - DOS/VS SUPERVISOR 5746-E2-SUP
Microfiche Assembly Listings for all Advanced Functions - DOS/VS Supervisor Modules.
Microfiche, 3,2 x 7,4 cm, 3 cards, 3/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-0461

DOS/VSE SYSTEM/3 3340 DATA IMPORT, LIC PROG 5746-AM3, MICROFICHE LISTINGS
Microfiche Assembly Listings of VSE/IBM System/3 3340 Data Import.
Microfiche, 1 card
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYC7-0450

DOS/VS ANALYSIS PROGRAM 1, LISTINGS - SCP COMPONENT 5745-SC-APC
This document contains assembler listings for all DOS/VS analysis program modules, 5745-SC-APC.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYC7-0462

1401/1440/1460 EMULATOR 5745-SC-EML (G09) MICROFICHE LISTINGS
The IBM Systems 1401/1440/1460 Emulator Program - hereafter referred to as the 1400 Emulator - allows the execution of 1400 programs on IBM 4331 machines equipped with the 1400 Compatibility Feature and on IBM 4341 with the 1400 Simulator generated as part of the 1400 Emulator. The simulation of disk I/O on FBM (Fixed Block Mode) devices is provided. The 1400 Emulator runs as a problem program under control of the DOS Releases 26 and 27 or all DCS/VS Releases up to Release 34 and DOS/VSE with VSE/Advanced Functions. As a problem program it is possible to integrate the 1400 Emulator into a DOS, DOS/VS or DOS/VSE system and to take advantage of the capabilities of such a system.
Several 1400 Emulators, up to the number of partitions available, can run concurrently.
Microfiche, 6 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYC7-0451

DOS/VS MAINTAIN SYSTEM HISTORY LISTING
Microfiche Assembly Listings of DOS/VS Maintain System History, 5745-SC-UFS
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYC7-0463

VSE/ADVANCED FUNCTIONS REL 1.0 MICROFICHE LISTINGS
This document contains assembler listings for all VSE/Advanced Function Modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche, 31 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYC7-0452

DOS/VS OLTEP (CARDLESS)
INDEPENDENT COMPONENT RELEASE 33.0
This document contains assembler listings for DOS/VS OLTEP (Cardless) Independent Component Release 33.0. "Cardless" refers to a computer system which has no card reader or card punch equipment configured; but does have a 3540 Diskette I/O unit in lieu of card equipment. Two manuals support DOS/VS OLTEP "Cardless" R 33.0: GC33-5383-2, DOS/VS OLTEP; SY33-8568-1, DOS/VS OLTEP Logic. DOS/VS OLTEP (Cardless) R33.0 is intended for use by IBM Customer Engineers; however, the customer can use it to help isolate system failures or to periodically check I/O devices.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYC7-0453

ADVANCED FUNCTIONS - DOS/VS ATTENTION ROUTINES 5746-E2-AIT
Microfiche Assembly Listings for all Advanced Functions - DOS/VS Attention Routine Modules.
Microfiche, 3,2 x 7,4 cm, 1 card, 3/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-0465

VSE/ACCESS CONTROL - LOGGING & REPORTING LIC PROG 5746-XE7, MICROFICHE LISTINGS
This document contains Assembler listings for all VSE/Access Control Modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche 3 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-0454

ADVANCED FUNCTIONS - DOS/VS DISPLAY OPERATOR CONSOLE 5746-E2-DOC
Microfiche Assembly Listings for all Advanced Functions - DOS/VS DOC Modules

LYC7-0901

DOS 01-0 SORT/MERGE LISTINGS - PROGRAM PRODUCT 5743-SM1
The microfiche cards contain program listings of all the modules of DOS Sort/Merge, 5734-SM1. The program itself includes all functions, facilities and options of the 5736-SM1 Program Product and The Type 1 360N-SM-483 Sort/Merge program such as ASCII support and support of the COBOL Sort Verb besides the following: (a) support of the 3330 DASD and the 3400-series tape devices for input, output and work data sets, (b) reduction in main storage requirements from 22K to 10K when sorting on 2314/2319 DASD. Allow sorting in 10K for all DASD and DASD supported (c). Increased security through an option to erase work data sets (except 2400-series tape devices (d) a facility to specify and programmer logical unit number for input, output, and work data sets.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-0903

DOS/VS SORT/MERGE 1.3 LISTING, PROG PROD 5746-SM1
This set of microfiche cards contains program listings of all the modules of DOS/VS SORT/MERGE, 5746-SM1. Together with the program logic manual for DOS/VS SORT/MERGE Order No. LY33-3038, they are intended for use by field engineering in support of the program.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-0904

OS/VS SORT/MERGE 3-1 LISTINGS, LIC PROG 5740-SM1
The microfiche cards contain program listings of all modules of OS/VS Sort/Merge, 5740-SM1. Together with the program logic manual for OS/VS Sort/Merge order no. LY33-8042. They are intended for use by field engineering in support of the program.
Microfiche, 285 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-0905

DOS/VS SORT/MERGE VERSION 2, RELEASE 2 MOD LEVEL 0 5746-SM2 MICROFICHE LISTINGS
These microfiche cards contain program listings of all modules of DOS/VS Sort/Merge, 5746-SM2. Together with the program logic manual for DOS/VS Sort/Merge, Order No. LY33-8044, they are intended for use by Field Engineering in support of the program.
Microfiche, 165 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYC7-1117

SYSTEM/370 OS MULTIFONT PREPROCESSOR SUPPORT LISTINGS PROGRAM NUMBER 360A-TX-031
System/370 OS Preprocessor Support assembly listings.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1118

SYSTEM/370 OS/VS MULTIFONT PREPROCESSOR SUPPORT LISTINGS PROGRAM NUMBER 5744-AE1
System/370 OS/VS Preprocessor Support assembly listings.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1119

SYSTEM/370 DOS MULTIFONT PREPROCESSOR SUPPORT LISTINGS PROG. NO. 360A-TX-030
System/370 DOS Preprocessor Support assembly listings.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYC7-1317

DOS RPG II AUTO REPORT FEATURE (6017-6020, 6035-6036) SOURCE LISTINGS, PROG PROD 5736-RG1
Microfiche assembly listings of DOS RPG II Auto Report Feature (6017-6020, 6035-6036)
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GYC7-1900

S/370 DISK OPERATING SYSTEM ASSEMBLER D ASSEMBLY LISTINGS PROGRAM NUMBER 370N-AS-465
Contains Type I DOS program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1901

SYSTEM/370 DISK OPERATING SYSTEM MICROFICHE ASSEMBLY LISTINGS - SYSTEM CONTROL/BASIC IOCS - PROGRAM NUMBER 370N-CL-453
Contains Type I DOS program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1902

DOS 27.1 DIRECT ACCESS METHOD, ASSEMBLY LISTINGS, PROG. NO. 370N-IO-454
Contains Type I DOS program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1903

DOS 27 SEQUENTIAL DISK IOCS MICROFICHE LISTINGS - PROGRAM NUMBER 370N-IO-455
Contains Type I DOS program listings as specified in the title.
Microfiche deck
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1904

DOS 27 MAGNETIC TAPE IOCS MICROFICHE LISTINGS - PROGRAM NUMBER 370N-IO-456
Contains Type I DOS program listings as specified in the title.
Microfiche deck
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1905

DOS 27 ISFMS MICROFICHE LISTING - PROGRAM NUMBER 370N-IO-457
Contains Type I DOS program listings as specified in the title.
Microfiche deck
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1906

DOS-27 PAPER TAPE IOCS - MICROFICHE LISTINGS PROGRAM NUMBER 360N-IO-458
These microfiche cards contain listings of program mentioned in title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1907

DOS 27 SYSTEM UTILITY PROGRAMS, 370N-UT-491 MICROFICHE LISTING
Contains Type I DOS program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1908

S/370 DISK OPERATING SYSTEM ENVIRONMENTAL RECORDING AND EDITING PROGRAM 370N-UT-492
Contains Type I DOS program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1909

S/370 DISK OPERATING SYSTEM BASIC TELECOMMUNICATIONS ACCESS METHOD ASSEMBLY LISTINGS, PROGRAM NUMBER 370N-CQ-469
Contains Type I DOS program listings as specified in the title.
Microfiche, 9 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1910

S/370 DISK OPERATING SYSTEM QUEUED TELECOMMUNICATIONS ACCESS METHOD ASSEMBLY LISTINGS, PROGRAM NUMBER 370N-CQ-470
Contains Type I DOS program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1911

SYSTEM/370 DISK OPERATING SYSTEM MICROFICHE ASSEMBLY LISTINGS 3735 TERMINAL SUPPORT - PROGRAM NUMBER 370N-CQ-493
Microfiche assembly listings of System/370 Disk Operating System, Release 27 3735 Terminal Support, 370N-CQ-493.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1912

SYSTEM/370 DISK OPERATING SYSTEM MICROFICHE ASSEMBLY LISTINGS OLTEP - PROGRAM NUMBER 370N-DN-481
Microfiche assembly listings of System/370 Disk Operating System, Release 27 OLTEP, 370N-DN-481.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1913

S/370 DISK OPERATING SYSTEM SYSTEM/370 EMULATOR ASSEMBLY LISTINGS - PROGRAM NUMBER 370N-EU-490
Contains Type I DOS program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1914

SYSTEM/370 DISK OPERATING SYSTEM MICROFICHE ASSEMBLY LISTINGS COMPILER I/O MODULES - PROGRAM NUMBER 370N-IO-476
Contains Type I DOS program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1915

S/370 DISK OPERATING SYSTEM MAGNETIC CHARACTER READER IOCS 370N-IO-477
Contains Type I DOS program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1916

S/370 DISK OPERATING SYSTEM OPTICAL CHARACTER READER IOCS ASSEMBLY LISTINGS - PROGRAM NUMBER 370N-IO-478
Contains Type I DOS program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1917

SYSTEM/370 DISK OPERATING SYSTEM MICROFICHE ASSEMBLY LISTINGS MICROFICHE INDEX
Microfiche Index Release 27 of DOS/370.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1918

DOS 27 ASSEMBLER F - MICROFICHE LISTING PROGRAM NUMBER 360N-AS-466
This document contains Type I OS program listings and DOS/OS PTF listings.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1919

DOS 27 COBOL D - MICROFICHE LISTING PROGRAM NUMBER 360N-CB-452
This document contains Type I OS program listings and DOS/OS PTF listings.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1920

DOS 27 ANS COBOL - MICROFICHE LISTING PROGRAM NUMBER 360N-CB-482
This document contains Type I OS program listings and DOS/OS PTF listings.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1921

S/370 DISK OPERATING SYSTEM LANGUAGE CONVERSION PROGRAM ASSEMBLY LISTINGS, PROGRAM NUMBER 360N-CV-489
Contains Type I DOS program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1922

S/370 DISK OPERATING SYSTEM FORTRAN IV ASSEMBLY LISTINGS - PROGRAM NO. 360N-FO-479
Contains Type I DOS Program listings as specified in title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1923

DOS 27 FORTRAN LIBRARY SUB PROGRAM MICROFICHE LISTINGS PROGRAM NUMBER 360N-LM-480
This document contains Type I OS program listings and DOS/OS PTF listings.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1924

S/370 DISK OPERATING SYSTEM PL/1 ASSEMBLY LISTINGS, PROGRAM NUMBER 360N-PL-464
Contains Type I DOS program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1925

DOS 27 DISK SORT/MERGE-MICROFICHE LISTINGS - PROGRAM NUMBER 360N-SM-450
This document lists contains Type I OS program listings and DOS/OS PTF listings.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1926

S/370 DISK OPERATING SYSTEM MODULAR SORT/MERGE ASSEMBLY LISTINGS PROGRAM NUMBER 360N-SM-483
Contains Type I DOS program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1927

DOS 27 UTILITIES GROUP I - MICROFICHE LISTINGS - PROGRAM NUMBER 360N-UT-461
Contains Type I DOS program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1928

S/370 DISK OPERATING SYSTEM GROUP 2 UTILITIES TAPE 360N-UT-462
Contains Type I DOS program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1930

DOS 27.1 UTILITIES GROUP 3 MICROFICHE LISTING - PROGRAM NUMBER 360N-UT-463
Contains Type I DOS program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

GYC7-1931

S/370 DISK OPERATING SYSTEM MPS UTILITY MACROS MICROFICHE ASSEMBLY LISTINGS, PROG. NO. 360N-UT-471
Contains Type I DOS program listings as specified in the title.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1932

DISK OPERATING SYSTEM/VIRTUAL STORAGE ATTENTION ROUTINES LISTINGS - COMPONENT NUMBER 5745-SC-AIT
Microfiche assembly listings of DOS/VS Attention Routines.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1933

DISK OPERATING SYSTEM/VIRTUAL STORAGE ACCESS METHOD SERVICES PROG PROD 5745-SC-AMS
Microfiche assembly listings of DOS/VS Access Method Svcs.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1934

DOS/VS ASSEMBLER LISTINGS, COMPONENT NO. 5745-SC-ASM
Microfiche assembly listings of DOS/VS Assembler.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1935

DISK OPERATING SYSTEM/VIRTUAL STORAGE BTAM LISTINGS COMPONENT NUMBER 5745-SC-PTM
Microfiche assembly listings of DOS/VS BTAM.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1936

DISK OPERATING SYSTEM/VIRTUAL STORAGE CHECKPOINT/RESTART LISTINGS - COMPONENT NUMBER 5745-SC-CKR
Microfiche assembly listings of DOS/VS Checkpoint/Restart.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1937

DISK OPERATING SYSTEM/VIRTUAL STORAGE DIRECT ACCESS METHOD LISTINGS - COMPONENT NUMBER 5745-SC-DAM
Microfiche assembly listings of DOS/VS Direct Access Method.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1938

DISK OPERATING SYSTEM/VIRTUAL STORAGE DISK ERP LISTINGS COMPONENT NUMBER 5745-SC-DKE
Microfiche Assembly Listings of DOS/VS Disk ERP.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1939

DISK OPERATING SYSTEM/VIRTUAL STORAGE DISPLAY OPERATOR CONSOLE LISTINGS - COMPONENT NUMBER 5745-SC-DOC
Microfiche assembly listings of DOS/VS Display Operator console.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1940

DISK OPERATING SYSTEM/VIRTUAL STORAGE SEQUENTIAL DISK IOCS LISTINGS - COMPONENT NUMBER 5745-SC-DSK
Microfiche assembly listings of DOS/VS Sequential Disk IOCS.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1942

DISK OPERATING SYSTEM/VIRTUAL STORAGE EREP LISTINGS COMPONENT NUMBER 5745-SC-ERP

Microfiche assembly listings of DOS/VS EREP.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1943

DISK OPERATING SYSTEM/VIRTUAL STORAGE MODEL 20 EMULATOR LISTINGS - COMPONENT NUMBER 5745-SC-E20

Microfiche assembly listings of DOS/VS Model 20 Emulator.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1944

DISK OPERATING SYSTEM/VIRTUAL STORAGE COMPILER I/O MODULES LISTINGS - COMPONENT NUMBER 5745-SC-IOM

Microfiche assembly listings of DOS/VS Compiler I/O Modules.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1945

DISK OPERATING SYSTEM/VIRTUAL STORAGE IOCS AND DEVICE INDEPENDENCE LISTINGS - COMPONENT NUMBER 5745-SC-IOX

Microfiche Assembly Listings of DOS/VS IOCS and Device Independence.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1946

DISK OPERATING SYSTEM/VIRTUAL STORAGE IPL AND BUFFER LOAD LISTINGS - COMPONENT NUMBER 5745-SC-IPL

Microfiche assembly listings of DOS/VS IPL and Buffer Load. title.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1947

DISK OPERATING SYSTEM/VIRTUAL STORAGE ISAM LISTINGS COMPONENT NUMBER 5745-SC-ISM

Microfiche assembly listings of DOS/VS ISAM.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1948

DISK OPERATING SYSTEM/VIRTUAL STORAGE JOB CONTROL LISTINGS COMPONENT NUMBER 5745-SC-JCL

Microfiche assembly listings of DOS/VS Job Control.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1949

DISK OPERATING SYSTEM/VIRTUAL STORAGE LIBRARIAN LISTINGS COMPONENT NUMBER 5745-SC-LBR

Microfiche assembly listings of DOS/VS Librarian.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1950

DISK OPERATING SYSTEM/VIRTUAL STORAGE LINKAGE EDITOR LISTINGS - COMPONENT NUMBER 5745-SC-LNK

Microfiche assembly listings of DOS/VS Linkage Editor.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1951

DISK OPERATING SYSTEM/VIRTUAL STORAGE MAGNETIC CHARACTER READER IOCS LISTINGS - COMPONENT NUMBER 5745-SC-MCR

Microfiche assembly listings of DOS/VS Magnetic Character Reader IOCS.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1952

DISK OPERATING SYSTEM/VIRTUAL STORAGE OPTICAL CHARACTER READER IOCS LISTINGS - COMPONENT NUMBER 5745-SC-OCR

Microfiche assembly listings of DOS/VS OCR IOCS.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1953

DISK OPERATING SYSTEM/VIRTUAL STORAGE OLTEP LISTINGS COMPONENT NUMBER 5745-SC-OLT

Contains SCP program listings for DOS/VS as specified in the title.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1954

DISK OPERATING SYSTEM/VIRTUAL STORAGE PDAIDS LISTINGS COMPONENT NUMBER 5745-SC-PDA

Microfiche assembly listings of DOS/VS PDAIDS.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1955

DISK OPERATING SYSTEM/VIRTUAL STORAGE PAPER TAPE IOCS LISTINGS - COMPONENT NUMBER 5745-SC-PTP

Microfiche assembly listings of DOS/VS Paper Tape IOCS.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1956

DISK OPERATING SYSTEM/VIRTUAL STORAGE POWER LISTINGS COMPONENT NUMBER 5745-SC-PWR

Contains SCP program listings for DOS/VS as specified in the title.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1957

DISK OPERATING SYSTEM/VIRTUAL STORAGE QTAM LISTINGS COMPONENT NO. 5745-SC-QTM

Microfiche assembly listings of DOS/VS QTAM.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1958

DISK OPERATING SYSTEM/VIRTUAL STORAGE RMSR LISTINGS COMPONENT NUMBER 5745-SC-RMS

Microfiche assembly listings of DOS/VS RMSR.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1959

DISK OPERATING SYSTEM/VIRTUAL STORAGE SUPERVISOR LISTINGS COMPONENT NUMBER 5745-SC-SUP

Microfiche assembly listings of DOS/VS Supervisor.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1960

DISK OPERATING SYSTEM/VIRTUAL STORAGE MAGNETIC TAPE IOCS LISTINGS - COMPONENT NUMBER 5745-SC-TAP

Microfiche assembly listings of DOS/VS Magnetic Tape IOCS.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1961

DISK OPERATING SYSTEM/VIRTUAL STORAGE TAPE ERP LISTINGS COMPONENT NUMBER 5745-SC-TPE

Microfiche assembly listings of DOS/VS Tape ERP.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1962

DISK OPERATING SYSTEM/VIRTUAL STORAGE SYSTEM UTILITY PROGRAMS LISTINGS - COMPONENT NUMBER 5745-SC-UTIL

Microfiche assembly listings of DOS/VS System Utility Programs.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1963

DISK OPERATING SYSTEM/VIRTUAL STORAGE VSAM LISTINGS COMPONENT NUMBER 5745-SC-VSM

Microfiche assembly listings of DOS/VS VSAM.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1964

DOS/VS: DCS DISTRIBUTION PROGRAM LISTINGS (5745-SC-DIS)

Microfiche assembly listings of DOS/VS DCS Distribution Program.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1966

DISK OPERATING SYSTEM/VIRTUAL STORAGE DISKETTE IOCS 5745-SC-DIC

Microfiche assembly listings of DOS/VS Diskette IOCS.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1968

DISK OPERATING SYSTEM/VIRTUAL STORAGE VTAM 5745-SC-VIM

Microfiche Assembly Listings of DOS/VS VTAM Routines,

5745-SC-VTM.

Microfiche

SLSS - ORDER NO. SUBSCRIPTION ONLY

- SYC7-1969
DOS/VSE TOLTEP LISTINGS - COMPONENT NO. 5745-SC-TLT
 Microfiche assembly listings of DOS/VSE TOLTEP Routines, 5745-SC-TLT.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SYC7-1970
DOS/VSE SUBSYSTEM SUPPORT SERVICES - 5745-SC-SSS, LISTINGS
 Microfiche assembly listings of DOS/VSE Subsystem Support Services.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SYC7-1971
DISK OPERATING SYSTEM/VIRTUAL STORAGE 3600 FINANCE COMMUNICATION SYSTEM - 5745-SC-124, LISTINGS
 Microfiche assembly listings of DOS/VSE 3600 Finance Communication System, 5745-SC-124.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SYC7-1972
VTAM & 3600 SYSTEM INDEX
 Microfiche Assembly - Listings Index to be used to locate individual modules and macros in the following components: 5745-SC-VTAM, 5745-SC-TLT, 5745-SC-SSS, 5745-SC-124, (i.e. Form Nos. SYC7-1968, SYC7-1969, SYC7-1970-1, SYC7-1971 respectively).
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SYC7-1976
DOS/VSE POWER/VSE RJE, SNA ICR - SCP COMPONENT 5745-SC-PWR
 Microfiche assembly listings of DOS/VSE POWER/VSE RJE, SNA ICR
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SYC7-1980
DOS/VSE ATTENTION ROUTINES 5745-SC-AIT (350) MICROFICHE LISTINGS
 This document contains assembler Listings for all DOS/VSE Attention Routine modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
 Microfiche, 3 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SYC7-1981
DOS/VSE ANALYSIS PROGRAM COMPONENT 5745-SC-APC (350) MICROFICHE LISTINGS
 This document contains assembler Listings for all DOS/VSE Analysis Program Component modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
 Microfiche, 2 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SYC7-1982
DOS/VSE ASSEMBLER 5745-SC-ASM (350) MICROFICHE LISTINGS
 This document contains assembler listings for all DOS/VSE Assembler modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
 Microfiche, 11 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SYC7-1983
DOS/VSE CHECKPOINT/RESTART 5745-SC-CKR (350) MICROFICHE LISTINGS
 This document contains assembler listings for all DOS/VSE Checkpoint/Restart modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
 Microfiche, 2 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SYC7-1984
DOS/VSE DIRECT ACCESS METHOD 5745-SC-DAM (350) MICROFICHE LISTINGS
 This document contains assembler listings for all DOS/VSE Direct Access Method modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
 Microfiche, 1 card
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SYC7-1985
DOS/VSE DISKETTE IOCS 5745-SC-DIO (350) MICROFICHE LISTINGS
 This document contains assembler listings for all DOS/VSE Diskette IOCS modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
 Microfiche, 2 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SYC7-1986
DOS/VSE DISTRIBUTION PROGRAM 5745-SC-DIS (350) MICROFICHE LISTINGS
 This document contains assembler listings for all DOS/VSE Distribution Program modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
 Microfiche, 2 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SYC7-1987
DOS/VSE DISK ERROR RECOVERY PROCEDURES 5745-SC-DKE (350) MICROFICHE LISTINGS
 This document contains assembler listings for all DOS/VSE DKE modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
 Microfiche, 1 card
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SYC7-1988
DOS/VSE DISPLAY OPERATOR CONSOLE 5745-SC-DOC (350) MICROFICHE LISTINGS
 This document contains assembler listings for all DOS/VSE DOC modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
 Microfiche, 3 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SYC7-1989
DOS/VSE SEQUENTIAL DISK IOCS 5745-SC-DSR (350) MICROFICHE LISTINGS
 This document contains assembler listings for all DOS/VSE Sequential Disk IOCS modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
 Microfiche, 5 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SYC7-1990
DOS/VSE EREP 1 DOS/VSE INTERFACE 5745-SC-ER1 (350) MICROFICHE LISTINGS
 This document contains assembler listings for all DOS/VSE ER1 modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
 Microfiche, 40 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SYC7-1991
DOS/VSE CCMPILER I/O MODULES 5745-SC-IOM (350) MICROFICHE LISTINGS
 This document contains assembler listings for all DOS/VSE Compiler I/O modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
 Microfiche, 24 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SYC7-1992
DOS/VSE IOCS AND DEVICE INDEPENDENT I/O 5745-SC-IOX (350) MICROFICHE LISTINGS
 This document contains assembler listings for all DOS/VSE IOX modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
 Microfiche, 19 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SYC7-1993
DOS/VSE IPL AND BUFFER LOAD 5745-SC-IPL (350) MICROFICHE LISTINGS
 This document contains assembler listings for all DOS/VSE IPL and Buffer Load modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
 Microfiche, 3 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SYC7-1994
DOS/VSE ISAM 5745-SC-ISM (350) MICROFICHE LISTINGS
 This document contains assembler listings for all DOS/VSE ISAM modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
 Microfiche, 2 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1995

DOS/VSE JOB CONTROL 5745-SC-JCL (350) MICROFICHE LISTINGS
This document contains assembler listings for all DOS/VSE Job control modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche, 5 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1996

DOS/VSE LIBRARIAN 5745-SC-LBR (350) MICROFICHE LISTINGS
This document contains assembler listings for all DOS/VSE Librarian modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche, 10 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1997

DOS/VSE LINKAGE EDITOR 5745-SC-LNK (350) MICROFICHE LISTINGS
This document contains assembler listings for all DOS/VSE Linkage Editor modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche, 1 card
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1998

DOS/VSE MAGNETIC CHARACTER READER IOCS 5745-SC-MCR (350) MICROFICHE LISTINGS
This document contains assembler listings for all DOS/VSE MCR modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche, 1 card
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1999

DOS/VSE OPTICAL CHARACTER READER IOCS 5745-SC-OCR (350) MICROFICHE LISTINGS
This document contains assembler listings for all DOS/VSE OCR modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche, 1 card
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-2000

DOS/VSE ONLINE TEST EXECUTIVE 5745-SC-OLT (350) MICROFICHE LISTINGS
This document contains assembler listings for all DOS/VSE OLT modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche, 3 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-2001

DOS/VSE PROBLEM DETERMINATION AIDS 5745-SC-PDA (350) MICROFICHE LISTINGS
This document contains assembler listings for all DOS/VSE PDAID modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche, 22 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-2002

DOS/VSE PAPER TAPE IOCS 5745-SC-PTP (350) MICROFICHE LISTINGS
This document contains assembler listings for all DOS/VSE Paper Tape IOCS modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche, 1 card
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-2003

DOS/VSE RECOVERY MANAGEMENT SUPPORT 5745-SC-RMS (350) MICROFICHE LISTINGS
This document contains assembler listings for all DOS/VSE Recovery Management Support modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche, 3 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-2004

DOS/VSE SPECIFIC DEVICE SUPPORT 5745-SC-SDS (350) MICROFICHE LISTINGS
This document contains assembler listings for all DOS/VSE SDS modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche, 1 card
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-2005

DOS/VSE SUPERVISOR 5745-SC-SUP (350) MICROFICHE LISTINGS
This document contains assembler listings for all DOS/VSE Supervisor modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche, 12 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-2006

DOS/VSE MAGNETIC TAPE IOCS 5745-SC-TAP (350) MICROFICHE LISTINGS
This document contains assembler listings for all DOS/VSE TAP modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche, 1 card
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-2007

DOS/VSE TAPE ERROR RECOVERY 5745-SC-TPE (350) MICROFICHE LISTINGS
This document contains assembler listings for all DOS/VSE Tape Error Recovery Procedure modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche, 2 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-2008

DOS/VSE SYSTEM UTILITIES 5745-SC-UTL (350) MICROFICHE LISTINGS
This document contains assembler listings for all DOS/VSE System Utility modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche, 14 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-2009

DOS/VSE MAINTAIN SYSTEM HISTORY 5745-SC-UTS (350) MICROFICHE LISTINGS
This document contains assembler listings for all DOS/VSE Maintain System History modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche, 26 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-2101

DOS EMULATOR LISTINGS SCP 5744-AS1
Microfiche assembly listings of DOS Emulator under VS1 and VS2.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-2102

1410/7010 OS/VS EMULATOR ON SYSTEM/370 LISTINGS, PROG. NO. 5744-AG1
This document contains assembler or macro listings for all emulator modules. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-2103

7074 OS/VS EMULATOR ON SYSTEM/370 MODEL 158 VERSION 1 LEVEL 0 COMPONENT OF SBOF-6402, LISTINGS, PRG PROD 5744-AJ1
This document contains assembler or macro listings for all emulator modules, version 1 level 0.
Microfiche, 58 cards, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-2107

1401/1440/1460 DOS/VS EMULATOR ON SYSTEM/370 1410/7010 DOS/VS EMULATOR ON SYSTEM/370 PROG PROD 5747-CC3, LISTINGS
Microfiche Listing of program 5747-CC3 which replaces DCS/VS component 5745-SC-EML.
Microfiche, 14 cards, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYC7-2300

ASSEMBLY LISTING MICROFICHE FOR TSO DATA UTILITIES - PROGRAM PRODUCT 5734-UT1
Contains program listings as specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2301

SYSTEM/360 OPERATING SYSTEM ASCII UTILITIES ASSEMBLY LISTING MICROFICHE - PROGRAM PRODUCT - PROGRAM NUMBER 5734-UT2
No abstract available.
Assembly Listing Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

- LYC7-2500
SYSTEM/360 OPERATING SYSTEM PL/I CHECKOUT COMPILER
PROGRAM LISTING - PROGRAM NUMBER 5734-PL2
 Contains program listings as specified in the title.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-2501
DISK OPERATING SYSTEM/360
PL/I RESIDENT LIBRARY - ASSEMBLY LISTING MICROFICHE
PROGRAM NUMBER 5736-LM4
 Microfiche of Assembly Listings.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-2502
DISK OPERATING SYSTEM/360 PL/I TRANSIENT LIBRARY
ASSEMBLY LISTING MICROFICHE - PROGRAM NUMBER 5736-LM5
 Microfiche of Assembly Listings.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-2503
DISK OPERATING SYSTEM/360 PL/I OPTIMIZING COMPILER
ASSEMBLY LISTING MICROFICHE - PROGRAM NUMBER 5736-PL1
 Microfiche of Assembly Listings.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-2504
SYSTEM/360 OPERATING SYSTEM PL/I RESIDENT LIBRARY
MICROFICHE - PROGRAM NUMBER 5734-LM4
 Contains program listings as specified in the title.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-2505
OS PL/I TRANSIENT LIBRARY - MICROFICHE, PROG. NO. 5734-LM5
 Contains program listings as specified in the title.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-2506
SYSTEM/360 OPERATING SYSTEM PL/I OPTIMIZING COMPILER
MICROFICHE LISTINGS - PROGRAM NUMBER 5734-PL1
 Contains program listings as specified in the title.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-5013
IBM DOS/360 ITF PL/I, LISTINGS - PROG. PROD. 5736-RC1
 This microfiche contains the assembly listings of the modules that make up the DOS ITF Release II, PL/I, program product.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-5014
DOS ITF RELEASE II - SHARED ASSEMBLY LISTINGS - MICROFICHE
 This microfiche contains the assembly listings of the modules that make up the DOS ITF Release II, SHARED, program product.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-5015
DOS ITF RELEASE II - BASIC ASSEMBLY LISTINGS - MICROFICHE
PROG. PROD. 5736-RC2
 This microfiche contains the assembly listings of the modules that make up the DOS ITF Release II, BASIC, program product.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-5016
IBM OS/360 ITF PL/I LISTINGS, PROG. PROD. 5734-RC1
 Microfiche of program product 5734-RC1 assembly listings.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-5017
IBM OS/360 ITF SHARED - PROG. PROD. 5734-RC1/RC3
 Contains program listings as specified in the title.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-5018
SYSTEM/360 OPERATING SYSTEM INTERACTIVE TERMINAL FACILITY -
BASIC MODULES - MICROFICHE LISTINGS - PROGRAM NUMBER
5734-RC3
 Contains Type I OS program listings as specified in the title.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-5019
FORTRAN IV (H EXTENDED) COMPILER, LIC PRG 5734-FO3,
RELEASE 2.3
 Microfiche program listings for Release 2.3 (5734-FO3).
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-5020
IBM SYSTEM/360/370 FORTRAN IV LIBRARY MOD II - LISTINGS
PROG. PROD. 5734-LM3
 Contains program listings as specified in the title.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-5021
SYSTEM/360 OPERATING SYSTEM FORTRAN IV (G1) COMPILER
MICROFICHE LISTINGS, PROG. PROD. 5734-FO2
 Contains Type I OS program listings as specified in the title.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-5022
OS 360/370 FORTRAN IV LIBR. MOD I LISTING, P.P. NO. 5734-LM1
 Contains program listings as specified in the title.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-5023
SYSTEM/360 OPERATING SYSTEM AMERICAN NATIONAL STANDARD
(ANS) COBOL VERSION 3 LISTINGS - PROGRAM NUMBER 5734-CB1
 This microfiche set contains source listings for ANS COBOL Version 3 on Program Number 5734-CB1 for System/360 OS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-5030
DOS FULL ANS COMPILER V3 LISTINGS - PROG NC 5736-CB2
 Contains program listings as specified in the title.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-5031
DOS FULL ANS COBOL LIBRARY V3, LISTINGS, PRG. NC. 5736-LM2
 Contains program listings as specified in the title.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-5033
TSO ITF (PL/I) LISTINGS, PROG. NOS. 5734-RC2, RC4
 One microfiche listing of this licensed program is available from Mechanicsburg to each licensee under the licensing agreement. This listing is also available to IBMers on a need-to-know basis.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-5034
SYSTEM/360 OPERATING SYSTEM TIME SHARING OPTION
INTERACTIVE TERMINAL FACILITY (BASIC ONLY)
PROGRAM PRODUCT LISTING MICROFICHE - PROGRAM NUMBER 5734-RC4
 One microfiche listing of this licensed program is available from Mechanicsburg to each licensee under the licensing agreement. This listing is also available to IBMers on a need-to-know basis.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-5035
TSO ITF (SHARED) LISTINGS, PROG. NOS. 5734-RC2, RC4
 One microfiche listing of this licensed program is available from Mechanicsburg to each licensee under the licensing agreement. This listing is also available to IBMers on a need-to-know basis.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-5036
IBM SYSTEM/360/370 CODE AND GC FORTRAN COMPILER - LISTINGS,
PROG. PROD. 5734-FO1
 Contains program listings as specified in the title.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-5037
ASSEMBLER F PROMPTER MICROFICHE LISTING, PROG PROD 5734-CP2
 Contains program listings as specified in the title.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYC7-5038
IBM SYSTEM/360/370 OS FULL ANS COBOL VERSION 3
COMPILER AND LIBRARY - LISTINGS, PROG. PRCD. 5734-CB1
 Contains program listings as specified in the title.

Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-5040

IBM SYSTEM/360 OPERATING SYSTEM - TIME SHARING OPTION
COBOL PROMPTER - PROGRAM NUMBERS 5734-CP1, 5734-CB3
Contains program listings as specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-5041

DOS SUBSET COMPILER & LIBRARY LISTINGS - PROG. NO. 5736-CB1
Contains program listings as specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-5042

IBM FORTRAN IV (H EXTENDED PLUS) COMPILER AND
LIBRARY MICROFICHE LISTINGS
Microfiche Program Listings for 5799-AAW release 023 (PTF
UP11272).
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-5044

DOS FORTRAN IV LIBRARY OPT 1, LISTINGS - PROG. NO. 5746-LM3
Contains program listings as specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-5045

OS ANS COBOL COMPILER & LIBRARY LISTINGS, PROG. 5734-CB2
Contains program listings as specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-5048

OS VIDEO/370 LISTINGS, PROG. PROD. 5734-RC5
Contains program listings as specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-5049

DOS VIDEO/370 LISTINGS - PROGRAM PRODUCT 5736-RC3
Contains program listings as specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-5050

DOS/VS COBOL COMPILER AND LIBRARY LISTINGS, PROG PROD
5746-CB1, 5746-LM4
Microfiche program listings for all DOS/VS Cobol modules.
Microfiche, 22 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-5051

VS BASIC LISTINGS - PROG PROD 5748-XX1
Microfiche listings for Program Product in title. Available
to each licensee under the licensing agreement from IBM
Program Control Center. Available to IBM personnel from IBM
Distribution Center.
Microfiche, 3/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-5052

OS/VS COBOL COMPILER & LIBRARY LISTINGS - PROG NOS.
5740-CB1, LM1
Contains SCP program listings for OS/VS1 and/or OS/VS2 as
specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY09-0012

VANDL-1 LOGIC MANUAL - PROG. NO. 5799-AEY
A Program Logic Manual describes the internal design or
logic of the subject program. These manuals are intended for
persons involved in program maintenance and system
programmers who are altering the program design. Program
logic information is not necessary for the operation of the
program; therefore, distribution of these publications
should be limited to persons with maintenance and alteration
requirements.
Manual, 221 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY12-5016

DATA LANGUAGE/1 DISK OPERATING SYSTEM/VIRTUAL
STORAGE (DL/I DOS/VS) LOGIC MANUAL - PROGRAM
PRODUCT 5746-XX1
This publication provides information on the internal
operation of the DL/I system as an application program under
DOS/VS. It is intended for use by persons involved in
program maintenance and by system programmers who are
altering the program design.
DL/I DOS/VS is a data management control system that

assists the user in creating, accessing, and maintaining
large common data bases. In conjunction with the Customer
Information Control System (CICS/DOS/VS), DL/I LCS/VS can be
used in an online teleprocessing environment.

Readers of this manual must be thoroughly familiar with
the use of DOS/VS, and of CICS/DOS/VS if DL/I DOS/VS is to
be used in the online environment.
Manual, 332 pages, 11/73
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY12-5026

IBM SYSTEM/370 IMS/VS DATA BASE ANALYZER LOGIC,
PROG PROD 5740-XXR (CS/VS)
IMS/VS Data Base Analyzer (DB analyzer) is an Information
Management System/Virtual Storage (IMS/VS) productivity aid
that analyzes the structure of an existing IMS/VS data base
with hierarchical direct (HDAM or HIDAM) organization. It
produces reports on distribution of pointers and free space,
to allow monitoring of the efficiency of data base space
allocation in storage. It also checks pointer integrity,
examining whether recovery procedures have been applied
successfully.

This manual presents an overview of DB analyzer and
describes the control flow within the programs by means of
text and flowcharts. It also presents the layout of output
records and internal tables. It is intended as an aid when
maintaining the DB analyzer programs.

This publication is intended primarily for data base
administrators and system analysts. The reader is assumed
to be familiar with IMS/VS data bases and their pointer
structures. Publications providing this background are
IMS/VS Utilities Reference Manual, SH20-9029 and IMS/VS
System/Application Design Guide, SH20-9025.
Manual, 8 1/2 x 11 inches, 52 pgs, 12/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY12-5027

SYSTEM/370 AND 4300 PROCESSORS, VSE/POWER, LIC PROG
5746-XE3, FEATURES 6066-6071, LOGIC (PART 1)
This publication provides information on the internal
operation of VSE/POWER. It is intended for use by persons
involved in program maintenance and by system programmers
who intend to alter the program design.

VSE/POWER, a successor to POWER/VS of earlier DOS/VS
releases, services input and output speeds. The reading of
data from or the writing of data to unit record devices is
carried out by VSE/POWER while other jobs are being
executed.

The method of operation of VSE/POWER is described in
Part 2 of this manual (LY12-5028), and that for the optional
Remote Job Entry Feature is described in Part 3 (LY12-5034).
Readers of this manual should be thoroughly familiar with
the use of DOS/VSE.

Manual, 8 1/2 x 11 inches, 298 pages, 2/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY12-5028

SYSTEM/370 AND IBM 4300 PROCESSORS, VSE/PCWER, LIC PROG
5746-XE3 FEATURES 6066-6071, LOGIC (PART 2)

This publication provides information on the internal
operation of VSE/POWER. It is intended for use by persons
involved in program maintenance and by system programmers
who intend to alter the program design.

VSE/PCWER, a successor to POWER/VS of earlier DOS/VS
releases, services input and output requests addressed to
unit record devices at disk input/output speeds. The
reading of data from, or the writing of data to, unit-record
devices is carried out by VSE/POWER while other jobs are
being executed.

This part of the VSE/POWER Program Logic Manual
describes the method of operation. The method of operation
of the optional Remote Job Entry Feature is described in
Part 3 (LY12-5034). The remainder of the internal operation
description of VSE/POWER is contained in Part 1 (LY12-5027).
Manual, 8 1/2 x 11 inches, 740 pages, 2/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY12-5032

SYSTEM/370 AND 4300 PROCESSORS VSE/ACCESS CONTROL - LOGGING
AND REPORTING, LIC PROG 5746-XE7, LOGIC

VSE/Access Control - Logging and reporting is part of the
data security functions offered for batch users of DOS/VSE.
These security functions are designed for auditing purposes
of a DOS/VSE data processing installation. Data access,
library access, and program access can be checked and logged
for security reasons.

This manual is intended for persons who are maintaining,
debugging, or modifying the system. It is assumed that
these persons are thoroughly familiar with DOS/VSE,
VSE/Advanced Functions, and VSE/Interactive Computing and
Control Facility.

Manual, 8 1/2 x 11 inches, 272, 2/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY12-5034

SYSTEM/370 and IBM 4300 PROCESSORS VSE/PCWER LIC
PROG 5746-XE3, FEATURES 6066-6071, LOGIC (PART 3)

This publication provides information on the internal
operation of VSE/POWER. It is intended for use by persons
involved in program maintenance and by system programmers
who intend to alter the program design.

VSE/POWER, a successor to POWER/VS of earlier DOS/VS

releases, services input and output requests addressed to unit record devices at disk input/output speeds. The reading of data from, or the writing of data to, unit-record devices is carried out by VSE/POWER while other jobs are being executed.

This part of the VSE/POWER Program Logic Manual describes the method of operation of the optional Remote Job Entry Feature. The method of operation of the remainder of VSE/POWER is described in Part 2 (LY12-5028). The internal operation of VSE/POWER, with the exception of its method of operation, is described in Part 1 (LY12-5027).

Readers of this manual should be thoroughly familiar with the use of DOS/VSE.

Manual, 8 1/2 x 11 inches, 402 pages, 2/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY18-1101

TSO 3270 PRINTER SUPPORT PROGRAMMING RPQ U94866 SYSTEMS AND LOGIC MANUAL PROGRAM NUMBER 5799-ALB FEATURE NUMBER 8831
The TSO 3270 Printer Support Program is designed to provide the user with functions to produce hard copies of his TSO session on the 3277 display station. The hard copies are produced on the 3284/86 printer.

This manual contains information on the design and logic of this program. It is intended to aid in modifying and maintaining the program and in identifying error conditions.

Manual, 27 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY19-6051

VS PERSONAL COMPUTING PL/I LOGIC, INTERNATIONAL FIELD PROGRAM 5785-EAB

This manual describes the internal logic of the VS Personal Computing PL/I (VSPC PL/I) processor, including the compiler, the library, and the interface between VSPC and PL/I. It is intended for use by system programmers responsible for the maintenance of the PL/I processor. It does not contain information on the PL/I language itself or its usage.

The manual begins with a general description of the contents and composition of the PL/I processor. Information follows on the interface between VSPC and PL/I, including the interface services, the directory of routines, the support macros, and the control blocks. Sections on the compiler cover compiler operations, the directory of routines, the compile-time tables and lists, and the support macros. Runtime information follows, including the directory of routines, the control blocks, and the support macros. The final section describes the sections of the object program.

Manual, 8 1/2 x 11 inches, 226 pgs 9/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GY20-0073

IBM CUSTOMER ENGINEERING KWIC INDEX

This catalog indexes the titles and lists the prices of Customer Engineering publications available to those involved in maintaining IBM data processing products.

All titles are KWIC (keyword in context) titles. KWIC is an abbreviating retrieval system in which titles are expressed in no more than 30 characters and each such title is indexed under each practical keyword.

Materials for the use of IBM products and services, in particular those for system libraries but including many other categories, are in the Marketing Publications KWIC Index, G320-1621.

Index, 116 pages, 8/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY20-0629

INFORMATION MANAGEMENT SYSTEM/360, VERSION 2 PROGRAM NUMBER 5734-XX6

SYSTEM MANUAL - LOGIC VOLUME I, FEATURE CODE 8080
Information Management System/360 is a processing program designed to facilitate the implementation of medium to large common data bases in a multiapplication environment. This environment is created to accommodate both online message processing and conventional batch processing, either separately or concurrently. The system permits the evolutionary expansion of data processing applications from a batch-only to a teleprocessing environment.

This manual includes a description of each module of the IMS/360 program. It also contains information on macros used, interfaces and module sizes, error codes and handling, and ABENDS. Flowcharts are contained in Volume II. Volume III contains listings of the data base (batch) portion of the IMS/360 program, furnished as microfiche. Volume IV contains listings of the data communications portion of the program, also furnished as microfiche.

Program Product Manual, 728 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0630

IMS/360, VERSION 2, SYSTEM MANUAL VOL. 2 - FLOWCHARTS, PROG. PROD. 5734-XX6

Information Management System/360 is a processing program designed to facilitate the implementation of medium to large common data bases in a multi-application environment. This environment is created to accommodate both on-line message processing and conventional batch processing, either separately or concurrently.

This manual includes a flowchart of each module in

the IMS/360 program. Module descriptions are contained in Volume I. Volume III contains listings of the data base (batch) portion of the IMS/360 program, furnished as microfiche. Volume IV contains listings of the data communications portion of the program, also furnished as microfiche.

Program Product Manual, 324 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0678

APL/360-OS AND APL/360-DOS SYSTEM MANUAL

FEATURE NUMBERS 8091, 8034
PROGRAM NUMBERS 5734-XM6, 5736-XM6

This publication provides general information relating to the design and program logic of the program products. When used as a debugging tool, this manual serves as a guide to the program listings.

Program Product Manual, 232 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0696

GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL VOLUME 1 - PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8115

This three-volume manual outlines and details the internal logic of the Generalized Information System, Version 2, for the benefit of programmers attempting to revise and/or maintain the system. The organization of the manual reflects the system's design structure of interfacing program units. As applicable, the manual includes diagnostic comments to assist in isolating faulty operation, and contains modification aids to assist in making minor changes to the system.

Program Product Manual, 204 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0697

GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL VOLUME 2 - PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8116

This three-volume manual outlines and details the internal logic of the Generalized Information System, Version 2, for the benefit of programmers attempting to revise and/or maintain the system. The organization of the manual reflects the system's design structure of interfacing program units. As applicable, the manual includes diagnostic comments to assist in isolating faulty operation, and contains modification aids to assist in making minor changes to the system.

Program Product Manual, 524 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0698

GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL VOLUME 3 - PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8117

This three-volume manual outlines and details the internal logic of the Generalized Information System, Version 2, for the benefit of programmers attempting to revise and/or maintain the system. The organization of the manual reflects the system's design structure of interfacing program units. As applicable, the manual includes diagnostic comments to assist in isolating faulty operation, and contains modification aids to assist in making minor changes to the system.

Program Product Manual, 400 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0699

IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT FOR THE ARITHMETIC STATEMENT FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8125

This manual provides design and internal logic documentation for the above-named feature. These pages replace correspondingly numbered "reserve" pages in the System Manual provided with the Basic Retrieval System package.

Program Product Manual, 24 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0700

IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT FOR THE TELEPROCESSING SUPPORT FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8123

This manual provides design and internal logic documentation for the above-named feature. These pages replace correspondingly numbered "reserve" pages in the System Manual provided with the Basic Retrieval System package.

Program Product Manual, 12 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0701

IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT FOR THE CONTROL STATEMENT FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8124

This manual provides design and internal logic documentation for the above-named feature. These pages replace correspondingly numbered "reserve" pages in the System Manual provided with the Basic Retrieval System package.

Program Product Manual, 48 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0702

IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT FOR THE PROCESSING STATEMENT FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8126
This manual provides design and internal logic documentation for the above-named feature. These pages replace correspondingly numbered "reserve" pages in the System Manual provided with the Basic Retrieval System package. Program Product Manual, 68 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0703

IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT FOR THE FORMAL REPORT FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8119
This manual provides design and internal logic documentation for the above-named feature. These pages replace correspondingly numbered "reserved" pages in the System Manual provided with the Basic Retrieval System package. Program Product Manual, 128 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0704

GIS/2 SYSTEM MANUAL SUPPLEMENT FOR THE HIERARCHIC FILE SUPPORT FEATURE, PROG. NO. 5734-XX1 FEATURE NO. 8120
This manual provides design and internal logic documentation for the above-named feature. These pages replace correspondingly numbered "reserve" pages in the System Manual provided with the Basic Retrieval System package. Program Product Manual, 30 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0705

IBM GENERALIZED INFORMATION SYSTEM VOLUME 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT FOR THE FILE UPDATE AND CREATE FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8118
This manual provides design and internal logic documentation for the above-named feature. These pages replace correspondingly numbered "reserve" pages in the System Manual provided with the Basic Retrieval System package. Program Product Manual, 130 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0706

IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT FOR THE UTILITY FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8121
This manual provides design and internal logic documentation for the above-named feature. These pages replace correspondingly numbered "reserve" pages in the System Manual provided with the Basic Retrieval System package. Program Product Manual, 30 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0707

IBM GENERALIZED INFORMATION SYSTEM VOLUME 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT FOR THE EDIT AND ENCODE FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8122
This manual provides design and internal logic documentation for the above-named feature. These pages replace correspondingly numbered "reserve" pages in the System Manual provided with the Basic Retrieval System package. Program Product Manual, 16 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0708

IBM GENERALIZED INFORMATION SYSTEM VOLUME 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT FOR THE FILE MODIFY FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8127
This manual provides design and internal logic documentation for the above-named feature. These pages replace correspondingly numbered "reserve" pages in the System Manual provided with the Basic Retrieval System package. Program Product Manual, 24 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0712

CUSTOMER INFORMATION CONTROL SYSTEM FEATURE NUMBER 8030 (DOS-ENTRY) LOGIC MANUAL - PROGRAM NUMBER 5736-XX6
The IBM Customer Information Control System (CICS) is a transaction-oriented, multiapplication data base/data communication interface between a System/360 or System/370 operating system and user-written application programs. Applicable to most online systems, CICS provides many of the facilities necessary for standard terminal applications; message switching, inquiry, data collection, order entry, and conversational data entry.
CICS is available in three systems--two for DOS users and one for OS users. Because the two CICS/DOS systems are compatible with each other and with the CICS/OS system, it is possible to start with a small data base/data communication configuration and move up through DOS into OS. The information contained in this manual is of interest to persons maintaining and modifying the operation of the CICS/DOS-ENTRY system.
Manual, 272 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0713

CUSTOMER INFORMATION CONTROL SYSTEM (CICS) LOGIC MANUAL PROGRAM NUMBER 5736-XX7 (DOS-STANDARD) FEATURE NUMBER 8031
The IBM Customer Information Control System (CICS) is a transaction-oriented, multiapplication data base/data communication interface between a System/360 or System/370 operating system and user-written application programs. Applicable to most on-line systems, CICS provides many of the facilities necessary for standard terminal applications: message switching, inquiry, data collection, order entry, and conversational data entry.
CICS is available in three systems--two for DOS users and one for OS users. Because the two CICS/DOS systems are compatible with each other and with the CICS/OS system, it is possible to start with a small data base/data communication configuration and move up through DOS into OS. The information contained in this manual is of interest to persons maintaining and modifying the operation of the CICS/DOS-STANDARD system.
Manual, 292 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0714

CUSTOMER INFORMATION CONTROL SYSTEM (CICS) OPERATING SYSTEM STANDARD VERSION 2 - FEATURE NUMBER 8142 - LOGIC MANUAL PROGRAM NUMBER 5734-XX7
The IBM Customer Information Control System (CICS) is a transaction-oriented, multiapplication data base/data communication interface between a System/360 or System/370 operating system and user-written application programs. Applicable to most online systems, CICS provides many of the facilities necessary for standard terminal applications: message switching, inquiry, data collection, order entry, and conversational data entry.
CICS is available in three systems - two for DOS users and one for OS users. Because the two CICS/DOS systems are compatible with each other and with the CICS/OS system, it is possible to start with a small data base/data communication configuration and move up through DOS into OS. The information contained in this manual is of interest to persons maintaining and modifying the operation of the CICS/OS-STANDARD V2 system.
Program Product Logic Manual, 200 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0728

STAT/BASIC FOR ITF AND VM/370 - CMS: LOGIC MANUAL, FEATURE NUMBER 8100 - PROGRAM NUMBER 5734-XA3
STAT/BASIC is a comprehensive set of interactive statistical programs for ITF. It consists of 40 BASIC programs, providing the user with procedures for data generation, elementary statistics, regression and correlation analysis, multivariate analysis, analysis of variance, nonparametric statistics, time series analysis, and biostatistics. The interactive features include instructional messages, flexible control of calculations, extensive error checking, and data editing.
This manual provides program flowcharts, flowchart narrative, and program listings.
Program Product Manual, 208 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY20-0757

S/370 MCGILL UNIVERSITY SYSTEM FOR INTERACTIVE COMPUTING MUSIC RELEASE II SYSTEM GUIDE - IUP NUMBER 5796-AAT
A new release of the MUSIC Timesharing System is now available. It contains system support for S/370 Models 125, 158, 165 and 168, including 3330/3333 Model 11, 3704/3705, enhancements to BASIC and APL workspace support. In addition, its interface to VM/370 has been improved to provide more efficient operation when running in a virtual machine under VM/370 control. Programming services have been extended until December 31, 1974.
MUSIC offers a high performance and high function timesharing facility previously unavailable to the low entry System/370 user.
Guide
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY20-0771

DATA BASE DESIGN EVALUATION (DBPROTOTYPE) PROGRAM SYSTEM GUIDE - IUP NUMBER 5796-PBB
This manual contains information about the internal logic and organization of the DBPROTOTYPE programs. It is intended to help people involved in program maintenance and alteration.
Manual, 180 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY20-0772

PROGRAMMING LANGUAGE FOR IMS-PLIMS SYSTEM GUIDE - IUP NUMBER 5796-PBF
This document is intended as an aid to systems programmers in making modifications, diagnosing error situations, and performing maintenance work. It describes the components of PLIMS, and it discusses the PLIMS utility program.
Manual, 44 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY20-0773

IMSMAP - DATA BASE MAPPING PROGRAMS SYSTEM GUIDE - IUP NUMBER 5796-PBC

The IMSMAP Data Base Mapping Programs, DBMAP and PSBMAP, build and print maps of IMS physical and logical data bases from information contained in the data base description (DBD) and program specification block (PSB), respectively. This manual describes the internal logic of the DBMAP and PSBMAP programs.
Guide, 16 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY20-0774

BTS (BATCH TERMINAL SIMULATOR) SYSTEMS GUIDE - IUP NUMBER 5796-PBD

This publication describes in detail the Batch Terminal Simulator (BTS), its mode of execution and its component modules. The publication also includes a description of, for example: how to change BTS default values, how to add user-written edit modules, and BTS queues and tables.
Manual, 122 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY20-0775

TEST IMS UTILITIES PROGRAM SYSTEMS GUIDE - IUP NUMBER 5796-PBE

The test IMS utilities include programs to create a test data base, compare an old and a new version of the same data base, list and/or unload all or part of a data base, and format the fields in a data base segment for printing. This manual describes the internal logic of these programs as well as the program used to create and print the segment description module, which contains a physical description of every segment and field in a data base.
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY20-0804

MATH/BASIC FOR SYSTEM/3 MODEL 6, ITF, AND VM/370-CMS: LOGIC MANUAL, PROG. NOS. 5703-XM2 (SYSTEM/3) AND 5734-XM8 (ITF AND VM/370-CMS); FEATURE NOS. 8017, 8153

This manual contains the source code listings and the description of the computational blocks which are the basis of the MATH/BASIC routines for System/3, Model 6 and System/360 or System/370.
Manual, 268 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0809

GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT FOR THE DL/I QUERY SUPPORT FEATURE PROGRAM NUMBER 5734-XX1

The following pages provide design and internal logic documentation for the above-named feature. These pages replace correspondingly numbered "reserved" pages in the System Manual provided with the Basic Retrieval System package.
Manual, 34 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0829

INTERACTIVE QUERY FACILITY (IQF) FOR IMS/360 VERSION 2 SYSTEM MANUAL VOLUME V, PROG. PROD. 5734-XX6

This manual includes a description of each module of the IQF/IMS program. It also contains information on macros used, interfaces and module sizes, error codes and handling, ABENDs and flowcharts. Volume I contains similar information on the IMS/360 program. Volume III contains listings of the data base (batch) portion of the IMS/360 program, furnished as microfiche. Volume IV contains listings of the data communications portion of the program, also furnished as microfiche.
Manual, 494 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0840

BUSINESS ANALYSIS/BASIC LOGIC MANUAL, PROG. NOS. 5703-XM3 (SYSTEM/3 MODEL 6) AND 5734-XMB (ITF-OS/DOS/TSO, VM/370-CMS)

Business Analysis/BASIC contains 30 routines which permit the user to interact with the computer. All routines are written in the BASIC language for implementation on the System/3 Model 6, ITF (OS, DOS, TSO), and VM/370-CMS. The routines are designed to ask the user to enter his problem parameters and data and to make decisions at key points in the analysis. Options are provided for enhanced operating convenience and flexibility.

This manual provides the logic description, functional flowchart, and program listings for each routine included in the package.
Manual, 208 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0870

DISPLAY MANAGEMENT SYSTEM II (DMS II) OS/VVS LOGIC MANUAL PROGRAM NUMBER 5734-XX4

This manual contains the flowchart narrative and flowcharts for Display Management System II Programs. It is intended for system analysts and programmers charged with maintaining the system.
Manual, 240 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY20-0882

IBM VIRTUAL MACHINE FACILITY/370 SERVICE ROUTINES PROGRAM LOGIC

The Service Routines that are described in this publications are: the IBCDASDI Virtual Disk Initialization Program, the Interactive Problem Control System (IPCS), the Format Service Program, the DMADIR Directory Program, the Installation Verification Procedure, the Procedures for Generating and Updating VM/370, the VM/370 Starter System, the 3704/3705 Service Programs, the ZAP Service Program, the EREP/Error Recording Interface, the MSS Communicator, and the IEBIMAGE Interface.
Manual, 118 pgs, 9/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY20-0884

VM/370 DATA AREAS AND CONTROL BLOCK LOGIC

This publication along with the IBM Virtual Machine Facility/370: System Logic and Problem Determination Guide, is intended for system programmers responsible for updating VM/370. This publication contains descriptions of the major data areas and control blocks used by three of the components of VM/370: the Control Program (CP) the Conversational Monitor System (CMS), and the Remote Spooling Communications Subsystem (RSCS).
Manual, 310 pages, 2/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY20-0886

VM/370: SYSTEM LOGIC AND PROBLEM DETERMINATION GUIDE VOL 1
This publication is intended for the IBM system hardware and software support personnel. It provides the following information for the CP component of VM/370:

- Description of program logic
- Module descriptions and cross-references
- Abend and wait state codes

PREREQUISITE PUBLICATIONS

IBM Virtual Machine Facility/370:
Introduction, Order No. GC20-1800
Operator's Guide, Order No. GC20-1806
System Programmer's Guide, Order No. GC20-1807
Terminal User's Guide, Order No. GC20-1810
CP Command Reference for General Users, Order No. GC20-1820
IBM System/360 Principles of Operation, Order No. GA22-6821
IBM System/370 Principles of Operation, Order No. GA22-7000
IBM OS/VVS, DOS/VVS, and VM/370 Assembler Language, Order No. GC33-4010
Manual, 8 1/2 x 11 inches, 1/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY20-0887

IBM VM/370 SYSTEM LOGIC & PROBLEM DETERMINATION GUIDE VOL 2
This publication is intended for the IBM system hardware and software support personnel. It provides the following information for the CMS component of VM/370:

- Description of program logic
- Module descriptions and cross-references
- Abend codes

PREREQUISITE PUBLICATIONS

IBM Virtual Machine Facility/370:
Introduction, Order No. GC20-1800
Operator's Guide, Order No. GC20-1806
Terminal User's Guide, Order No. GC20-1810
CMS Command and Macro Reference, Order No. GC20-1818
CMS User's Guide, Order No. GC20-1819
Manual, 8 1/2 x 11 inches, 264 pgs, 1/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY20-0888

VM/370 SYSTEM LOGIC & PROBLEM DETERMINATION GUIDE VOL 3

This publication is intended for the IBM system hardware and software support personnel. It provides the following information for the RSCS component of VM/370:

- Description of program logic
- Module descriptions and cross-references

PREREQUISITE PUBLICATIONS

IBM Virtual Machine Facility/370:
Introduction, Order No. GC20-1800
Operator's Guide, Order No. GC20-1806
Terminal User's Guide, Order No. GC20-1810
Remote Spooling Communications Subsystem User's Guide, Order No. GC20-1816
CP Command Reference for General Users, Order No. GC20-1820
Manual, 8 1/2 x 11 inches, 12/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY20-0931

3270 FORMATTING FEATURE FOR BTS, IUP 5796-PED, SYSTEM GUIDE (FEATURE 8073)

This publication describes in detail the ETS 3270 formatting feature. Its mode of operation and its modular interfaces are described, as well as the queues, tables, directories, and control blocks used specifically by the 3270 formatter.

It is assumed that the reader of this publication is familiar with the functions and names of ETS modules, IMS/360 application program calls, and the IMS/360 Message

Formatting Service. The reader should also be familiar with the publication BTS Batch Terminal Simulator Systems Guide, Order No. LY20-0774.

The 3270 Formatting Feature is an expansion of the Batch Terminal Simulator IUP (5796-PBD); which is described in Availability Notice G320-1523. BTS allows IMS batch, batch message and message processing programs to be tested without having teleprocessing hardware installed. The addition of the 3270 Formatting Feature provides the ability to test applications using the IMS Message Formatting Service (MFS) without the use of 3270 hardware. This means that development of new online applications, or conversion of batch programs for online use, can proceed while still in the batch only test/development mode.

Manual, 89 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0932

TEST DATA GENERATOR SYSTEMS GUIDE PROGRAM NO. 5796-PBP FEATURE NUMBER 8064

This manual contains information about the internal logic and organization of the Test Data Generator.

It is intended to assist in the maintenance and alteration of the program.

Manual, 220 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0937

DATA COMMUNICATIONS ANALYZER (DCANALYZER) PROGRAM NUMBER 5796-PCA

The Data Communication Analyzer (DCANALYZER) program is designed to assist the user in evaluating design alternatives for IMS data base/data communication systems. It produces relative data on service times and throughput of transactions processed on iterative runs of DCANALYZER under varying design combinations. The user can analyze and compare this data to select the design best suited to his needs.

This manual contains information about the internal logic and organization of the DCANALYZER program. It is intended to assist in program maintenance and alteration.

Manual, 56 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0946

3270 SCREEN IMAGE PROCESSOR FOR IMS AND IMS/VS - IUP 5796-AFC, SYSTEM GUIDE

The Screen Image Preprocessor is a productivity aid which simplifies the design and implementation of IMS/3270 applications. Each 3270 screen format added to an IMS system necessitates the preparation of many detailed control statements as input to the Message Format Language Utility. Using a single control statement and only one card image for each line to be represented on the screen, the Preprocessor generates the required IMS input statements. Each line of the screen image is coded exactly as it is to appear on the 3270 screen. Field control information (attribute bytes), which do not appear on the actual screen but occupy one screen character position at the beginning of each field, must also be coded to specify the desired field types. The Preprocessor output includes a printed representation of the screen layout in addition to generated control statements which may be printed or passed to the Utility.

Manual
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0947

DB PROTOTYPE/VS - IUP 5796-PCX, SYSTEM GUIDE

DBPROTOTYPE/VS is a design evaluation tool which enables the IMS/VS user to create model data bases and skeletal application programs to run against these data bases. By analyzing the performance data obtained from successive runs utilizing different design parameters, the user can select the system design best suited to his needs.

The value of this prototype approach to design is that it enables the user to study the effects of various design alternatives prior to expending resources in implementation. Programming for new or changing applications and data bases can follow with a higher level of confidence for success without costly rework caused by poor design.

DBPROTOTYPE/VS operates with IMS/VS. It extends the capabilities of DBPROTOTYPE (IUP 5796-PBB) to support IMS/VS features and incorporates improvements in the existing functions of DBPROTOTYPE. DBPROTOTYPE is a prerequisite for DBPROTOTYPE/VS.

Manual
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-1996

VM/370 RESOURCE MANAGEMENT PROGRAMMING RPQ PO-9006 PROGRAMMER AND SYSTEM LOGIC GUIDE, PROG 5799-ARQ

This publication contains detailed system information about the areas in VM/370 changed by the Resource Management RPQ for VM/370. It provides system information for system programmers and IBM system hardware and software support personnel. This publication contains information abstracted from VM/370 publications and updated to reflect changes that have been made.

Prerequisite publications:
IBM Virtual Machine Facility/370:
System Programmer's Guide (GC20-1807)
System Logic and Problem Determination Guide

(SY20-0885)
Data Areas and Control Block Logic (SY20-0884 Manual, 80 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2043

DISPLAY MANAGEMENT SYSTEM II -- DOS/VS (DMS II) LOGIC MANUAL, PROG. PROD. 5736-XC4

DMS II is a set of programs to simplify the implementation of online operations using the 3270 Information Display System. Application specification is simplified by means of DMS II forms. Preprogrammed facilities are provided to perform paging and panel selection, file operations, and data routing. This manual is intended primarily for those responsible for maintaining the programs product. It is designed to be used in conjunction with program listings and flowcharts to understand program logic.

Manual, 230 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2045

FASTER LANGUAGE FACILITY FOR THE CUSTOMER INFORMATION CONTROL SYSTEM (CICS/VS), LOGIC PROG. NCS. 5746-XX3 (CICS/DOS/VS), 5740-XX1 (CICS/OS/VS): FEATURES 6019, 6020, 6021, 6022, 6023, 6024

The FASTER Language Facility (F.L.F.) feature of CICS/DOS/VS and CICS/OS/VS makes it possible to run most FASTER Transaction Processing Descriptions (TPDs) under CICS/VS.

The F.L.F. consists of a set of language macros and processing routines designed as a conversion aid for users of the five FASTER systems. All language macros present in the FASTER programs are also present in the language facility and are designed in the Program Reference Manual.

The logic manual primarily describes the functions and the interworking of F.L.F. processing routines. A knowledge of those internal details is not ordinarily needed for day-to-day use of the language facility.

Manual, 70 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2050

IMSMAP/VS - IUP 5796-PCY, SYSTEM GUIDE

The Installed User Program IMSMAP/VS is a documentation aid which produces pictorial representations of data base structures. These maps, which are produced on a line printer, graphically represent the many characteristics of an IMS/VS data base. In addition to producing maps, IMSMAP/VS can print a detailed report describing the characteristics of each data base description (DED).

IMSMAP/VS is an extension of the currently available IUP, IMSMAP (5796-PBC). IMSMAP is a prerequisite for IMSMAP/VS. IMSMAP/VS provides both support for IMS/VS data bases and additional features not available in the original IMSMAP IUP.

Manual
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2051

BTS/VS - IUP 5796-PCZ, SYSTEM GUIDE

BTS/VS is a terminal simulator which allows IMS/VS application programs to be tested without the use of teleprocessing hardware or the IMS IC feature. Extensive de-bugging facilities enable the BTS/VS user to test batch applications, as well as those intended to run in a teleprocessing environment. BTS/VS provides information about each transaction and message as it progresses through the IMS/VS system.

The BTS IUP (5796-PBD) is a prerequisite for the use of BTS/VS. The 3270 Formatting Feature, offered as a feature of BTS, extends 3270 simulation capability to both BTS and to BTS/VS.

Manual
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2052

TEST IMS/VS UTILITIES, DESCRIPTION/OPERATIONS, IUP 5796-PDA

This publication describes the IMS/VS support product for the Test IMS Utilities. The prerequisite for the use of this product is the Test IMS Utilities (Program Number 5796-PBE) and the associated Systems Guide (LY20-0775).

The Test IMS utilities include programs to create a test data base, compare an old and a new version of the same data base, list and/or unload all or part of a data base, restructure a data base segment for printing. This publication describes the internal logic of these programs as well as the program used to create and print the segment description module, which contains a physical description of every segment and field in a data base.

Manual, 28 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2053

DOSMAP - DL/I DATA BASE MAPPING PROGRAMS SYSTEMS GUIDE PROG. NO. 5796-PCW

The DL/I data base mapping programs, DBDMAP and PSBMAP, build and print maps of DL/I data bases from information contained in the data base descriptions (DEDS) and program specification blocks (PSBs). This manual describes the internal logic of the DBDMAP and PSBMAP programs.

Manual, 16 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2059

VM/SGP STATISTICS GENERATING PACKAGE - IUP 5796-PDD,
SYSTEM GUIDE

VM/SGP, an Installed User Program is a Statistics Generating Package for VM/370. It is designed to further reduce the data collected by the VM/370 Measurement Facility and is intended to provide information for installation management, system programmers, and users. VM/SGP provides a variety of summarization techniques useful for reporting on many aspects of system load and utilization. It may also simply be used to format and print trace data and thereby facilitate the inspection and analysis of system bottlenecks and overloads.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2064

JOB CONTROL LANGUAGE EDITOR, IUP 5796-PDC SYSTEMS GUIDE

This manual contains information on the design and coding of the Job Control Language Editor. It contains information about the program logic and techniques used.

Manual, 14 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2072

INTERACTIVE QUERY AND REPORT PROCESSOR - (IQRP) - IUP
5796-PDG, SYSTEMS GUIDE

The purpose of this manual is to present to the system programmer the system logic flow of IQRP. This manual also presents detail module descriptions, flows, and linkages.

Manual, 212 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2073

VM/370 GRAPHIC MONITOR, IUP 5796-PDT

This Systems Guide provides the systems analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2085

DATA BASE DESIGN AID LOGIC, PROG PROD 5740-XY8, 5746-XXQ

This book, which contains information on the system design and logic flow, is intended primarily to help diagnose error situations, make modifications to the program, and do maintenance work on the program.

An overview of the product is presented, followed by the way the program is organized, the logic flow of the program (shown by HIPO diagrams), descriptions of the VSAM data sets, how to modify the program, and a summary of DBDA program modules and library members.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2090

3270 FULL SCREEN SUPPORT FOR PL/I AND ASSEMBLER APPLICATION
UNDER TSO IUP 5796-AGH

No abstract available.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2094

VM/370 SYSTEM FOR ONLINE TAPE AND DISK LIBRARIES - IUP
5796-AGN, SYSTEM GUIDE

The VM/370 System for Tape and Disk Libraries is an IUP for the control of user tape and disk libraries. It works online under CMS with commands to control the assignment and accounting for user volumes. The system operator can add, delete, and modify a record associated with a particular mountable volume. It can make a large pool of tapes and disks accessible to a large number of time sharing users by providing the storage location and accounting information available online. The benefits are improved data security, quicker location of volumes, quicker response to mount commands, automatic bookkeeping and improved system control.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2113

AUTOMATED UNIT TEST, IUP 5796-PEB, GUIDE

The purpose of this manual is to provide information on the design, logic and coding of the Automated Unit Test (AUT) productivity aid. The information can be used for diagnosing program errors, performing programming maintenance and modifications.

Manual, 84 pages, 8/75

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2114

AUTOMATED UNIT TEST, IUP 5796 - PEC, SYSTEMS GUIDE

The purpose of this manual is to provide information on the design, logic and coding of the Automated Unit Test (AUT) productivity aid. The information can be used for diagnosing program errors, performing programming maintenance and modifications.

Manual, 78 pages, 8/75

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2126

TELECOMMUNICATIONS ACCESS METHOD IMS/VIS INTERFACE LOGIC,
PROG PROD 5740-KXC

The TCAM-IMS/VIS Interface is provided as a bridge between TCAM and IMS/VIS.

This manual is intended for program systems representatives and systems programmers who maintain the TCAM-IMS/VIS Interface.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2175

EXTENDED TELECOMMUNICATIONS MODULES (EXTM) FEATURE OF
CICS/DOS/VIS - PROG. PROD. 5746-XYE, LOGIC

The Extended Telecommunications Modules (EXTM) Feature of CICS/DOS/VIS provides linkage between CICS/VIS 1.0.1 and a telecommunications network. It provides access to the IBM 3600 Finance Communication System and functions within the framework of System Network Architecture (SNA). Data flow for certain pre-SNA terminals is also provided.

The basic function of the program is to establish and maintain a data flow between a CICS/VIS application and a corresponding user application for the IBM 3600 Finance Communication System.

This manual covers the internal logic of the Extended Telecommunications Modules Feature of CICS/DOS/VIS.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2180

VS/REPACK, IUP 5796-PDZ, SYSTEMS GUIDE

This manual contains information on the VS/REPACK program logic and coding techniques.

Manual, 320 pages, 1/76

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2181

WIDEBAND COMMUNICATIONS PROGRAM, IUP 5796-FEJ SYSTEMS GUIDE

Wideband Communications Program is a complete system for the transmission of tapes or sequential data sets between any locations on a communications network under control of CS/VIS and BTAM. The system provides facilities for spooling/despooling, data compaction and security, data transmission/reception, checkpoint/restart, and utilization statistics.

This manual contains information about the internal logic and organization of the Wideband programs. It is intended to assist in program maintenance and modification.

Manual, 214 pages, 7/75

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2183

IBM CONVERSION AID FOR RCA/TDOS ASSEMBLER TO OS/VIS
ASSEMBLER, SYSTEMS GUIDE, IUP 5796-PEX, FEATURE 8634

This manual provides a detailed description of the aid. It will be useful for those systems people accustomed to understanding the aid in sufficient detail to modify the support by adding additional functions.

Manual, 52 pages, 7/75

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2188

DB/DC DRIVER SYSTEM LOGIC VOLUME I, PROG PROD 5740-XYT

This publication describes the internal logic of the executive and utility programs for the DB/DC Driver System. This system can be used to drive and test DE/DC application programs.

The executive program controls the work in the region assigned to the DB/DC Driver System. It contains facilities for interrupt handling, terminal and direct access data management, command processing, submitting jobs for batch processing in VS background through the latch interface, script processing, logging control, and debugging.

The utility programs provide facilities for system build, job initialization, data base management, log data set processing, and batch interface offline operations. These programs are used by programmers responsible for building, initializing, and maintaining the system and its data base.

This volume contains introductory information, programming conventions, the executive overview, and descriptions of the modules which comprise the executive program.

Manual, 8 1/2 x 11 inches, 192 pages, 10/76

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2189

DB/DC DRIVER SYSTEM LOGIC VOLUME II, PROG PROD 5740-XYT

This publication describes the internal logic of the executive and utility programs for the DE/DC Driver System.

This system can be used to drive and test DB/DC application programs.

The executive program controls the work in the region assigned to the DB/DC Driver System. It contains facilities for interrupt handling, terminal and direct access data management, command processing, submitting jobs for batch processing in VS background through the batch interface, script processing, logging control, and debugging.

The utility programs provide facilities for system build, job initialization, data base management, log data set processing, and batch interface offline operations. These programs are used by programmers responsible for building, initializing, and maintaining the system and its data base.

This volume contains a description of the DB/DC Driver System utilities.

Manual, 8 1/2 x 11 inches, 80 pages, 10/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2190

DB/DC DRIVER SYSTEM LOGIC VOLUME III, PROG PROD 5740-XXT

This publication describes the internal logic of the executive and utility programs for the DB/DC Driver System. This system can be used to drive and test DB/DC application programs.

The executive program controls the work in the region assigned to the DB/DC Driver System. It contains facilities for interrupt handling, terminal and direct access data management, command processing, submitting jobs for batch processing in VS background through the batch interface, script processing, logging control, and debugging.

The utility programs provide facilities for system build, job initialization, data base management, log data set processing, and batch interface offline operations. These programs are used by programmers responsible for building, initializing, and maintaining the system and its data base.

This volume contains appendices which provide a module cross reference index, control block formats, record descriptions, terminal codes, macro descriptions, and script error codes.

Manual, 8 1/2 x 11 inches, 168 pages, 10/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2193

EXTENDED TELECOMMUNICATIONS MODULES FEATURE OF CICS/DOS/VS PROBLEM DETERMINATION GUIDE PROGRAM NUMBER: 5746 XXB

The Extended Telecommunications Modules Feature of CICS/DOS/VS provides linkage between CICS/VS 1.0.1 and a telecommunications network. It provides access to the IBM 3600 Finance Communication System and functions within the framework of System Network Architecture (SNA). Data flow for certain pre-SNA terminals is also provided. The basic function of the program is to establish and maintain a data flow between a CICS/VS application and corresponding user application for the IBM 3600 Finance Communication System.

This manual provides control block layouts, storage maps, sample dumps, sample traces, and describes an approach to debugging. It presents guidelines, tools, and information needed to assist program systems representatives and system programmers, who maintain the system and the Extended Telecommunications Modules Feature of CICS/DOS/VS.

Manual
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2196

COBOL MAINTENANCE AND DOCUMENTATION AID IUPS 5796-AHY, 5796-AHZ SYSTEMS GUIDE

The COBOL Maintenance and Documentation Aid documents the structure and path logic of COBOL programs. This manual describes the internal logic of the CMANDOCO program.

Manual, 22 pages, 10/75
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2199

FORTRAN CONVERSION AID, IUP 5796-PFG SYSTEMS GUIDE

No abstract available.

Manual
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2204

COBOL PROGRAM TRANSLATION FOR OS OS/VS1 IUP 5796-PFB SYSTEMS GUIDE

This "User's Manual" is for the System's Analyst, Programmer and Operator during the Systems Test and daily operations during the Systems Test and daily operations of the program. It also contains programmer notes to assist in making minor alterations.

Manual, 36 pages, 1/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2205

COBOL PROGRAM TRANSLATOR FOR OS OS/VS1 AND VM/370 IUP 5796-PFC, SYSTEMS GUIDE

This "User's Manual" is for the System's Analyst, Programmer and Operator during the Systems Test and daily operations of the program. It also contains programmer notes to assist in making minor alterations.

Manual, 34 pages, 1/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2208

DOS MAP - DLI, IUP 5796-PCW, SYSTEMS GUIDE

The DLI data base mapping programs, DBDMAP and PSBMAP, build and print maps of DL/I data bases from information contained in the data base descriptions (DBDS) and program specification blocks (PSBs). This manual describes the internal logic of the DBDMAP and PSBMAP programs.

Manual, 18 pages, 12/75
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2217

SVS/MVS SYSTEM AND JOB IMPACT ANALYSIS, IUP 5796-AJF SYSTEMS GUIDE

No abstract available.

Manual
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2220

TSC-3270 STRUCTURED PROGRAMMING FACILITY LOGIC, PROG PROD 5740-XT2

This manual contains information for maintaining the TSC-3270 Structured Programming Facility program product. It is intended to be used by IBM and customer systems engineers and programmers.

Manual
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2227

SYSTEM/370 DISPLAY MANAGEMENT SYSTEM PROGRAMMING RPO 206076 LOGIC PROG 5799-AFF

The Display Management System Programming RPO product is a system which augments OS/VS1 Release 3 and the Special Real Time Operating System, Programming RPO product to support interactive use of the display devices. Display Management System meets the needs of the electric utility energy management system and of oil refinery applications but is not restricted to these applications.

Display Management System runs as an CS/VS1 Release 3 job step in conjunction with the Special Real Time Operating System and performs services that support the creation and interactive use of displays. The installation of Display Management System requires no change to the OS/VS1 Release 3 system.

Manual
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2228

IBM SYSTEM/370 SPECIAL REAL TIME OPERATING SYSTEM PROGRAMMING RPO 206751 SYSTEMS LOGIC, PRG 5799-AHE

This publication describes the internal logic and method of operation of the Special Real Time Operating System. The purpose of this publication is to provide information for systems analysts, programmers, systems engineers, and maintenance personnel to facilitate making modifications, diagnosing error situations, and performing maintenance.

Manual
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2240

GTF I/O CURRENCY REPORT, IUP 5796-PGD, SYSTEMS GUIDE

No abstract available.

Manual, 36 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2242

DOS/VS PERFORMANCE TOOL (DOSVS/PT), IUP 5796-PGK, SYSTEMS GUIDE

DOSVS/PT is a software tool that monitors the performance of an existing IBM System/370 running DOS/VS. It uses both dynamic event tracing and periodic statistical sampling to record system status on an output tape or DASD data set. Subsequently, a series of reports can be produced to evaluate hardware performance during either the entire monitoring period or any portion thereof.

This manual provides information on the design and logic of the DOSVS/PT programs. This information can be used by systems programmers for making program modifications, diagnosing program errors, and performing program maintenance.

Manual, 8 1/2 x 11 inches, 48 pgs, 10/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2243

VS1 PERFORMANCE TOOL (VS1PT), IUP 5796-PGL, SYSTEMS GUIDE

VS1PT is a software monitor that measures the performance of an existing IBM System/370 running OS/VS1. It uses statistical sampling, event tracing and event counting to record selected system status information. At requested intervals, the accumulated information is placed on an output data set. Subsequently, reports can be generated to evaluate overall performance during the entire monitoring period or to analyze in detail any specific areas of concern.

This manual provides information on the design and logic of the VS1PT programs. This information can be used by systems programmers for making program modifications, diagnosing program errors, and performing program maintenance.

Manual, 8 1/2 x 11 inches, 36 pgs, 11/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2244

SVS PERFORMANCE TOOL (SVSPT), IUP 5796-PGN, SYSTEMS GUIDE
SVSPT is a software monitor that measures the performance of an existing IBM System/370 running OS/VS2 SVS. It uses both statistical sampling and event counting to record selected system status information. At requested intervals, hardware and software performance reports are generated and placed on an output data set. Subsequently, reports can be selected to evaluate overall performance during the entire monitoring period or to analyze in detail any specific areas of concern.

This System Guide describes the complete capabilities of SVSPT while the PDOM describes only a subset of SVSPT's most commonly used features.

This manual provides information on the design and logic of the SVSPT programs. This information can be used by systems programmers for making program modifications, diagnosing program errors, and performing program maintenance.

Manual, 8 1/2 x 11 inches, 56 pgs, 11/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2247

APL FUNCTION EDITOR FOR APLSV IUP 5796-PGX, FEATURE 8676, SYSTEM GUIDE

This manual provides information for system analysts, programmers, and others who wish to make alterations to the program. It also will be helpful to those desiring a fuller understanding of the program components.

Manual, 8 1/2 x 11 inches, 20 pages, 4/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2248

APL FUNCTION EDITOR FOR VSAPL IUP 5796-PGY, SYSTEM GUIDE, FEATURE 8677

This manual provides information for system analysts, programmers, and others who wish to make alterations to the program. It will also be helpful to those desiring a fuller understanding of the program components.

Manual, 8 1/2 x 11 inches, 20 pages, 4/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2249

BATCH MONITOR FOR VM/370 CMS, IUP 5796-PGZ, SYSTEMS GUIDE

This manual describes the architecture and processing logic of the Batch Monitor IUP. It is intended for use by Systems Programmers who will maintain and/or modify the system.

Manual, 8 1/2 x 11 inches, 20 pages, 11/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2255

VS APL FOR TSO, IUP 5796-ALB

No abstract available

Manual, 64 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2266

DISPLAY MANAGEMENT SYSTEM/VIRTUAL STORAGE VERSION 1 (DMS/VS) LOGIC, PROG PROD 5740-XC2 (OS/VS), 5746-XC2 (DOS/VS)

This manual contains detailed information on the Display Management System/Virtual Storage (DMS/VS) program logic. All program modules are explained through narrative discussion. This documentation is intended to be used in conjunction with the commentary in the source listing header. System tables and work areas are described. The user of this manual must be familiar with the logic of the Customer Information Control System (CICS). This manual is intended for use by system programmers and application programmers.

Manual, 8 1/2 x 11 inches, 132 pages, 11/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2268

SMF JOB DATA COMPRESSION AID (JDCA) - IUP 5796-PHN, SYSTEMS GUIDE

This systems guide is for those systems and applications programmers who handle program modifications, error diagnoses, and program maintenance for the SMF Job Data Compression Aid (JDCA), an IBM installed user program.

This guide is divided into four sections: record formats, program descriptions, program modifications, and error diagnosis.

- Record formats are formed of PL/1 declare statements, with associated comments.
- Program descriptions are in narrative form keyed to the labels and comments in the PL/1 programs.
- The program modifications section describes procedure for correcting or modifying the source programs.
- The error diagnosis section describes the techniques for locating 1) an error within the programs, 2) selected data items from the output of the linkage editor map.

Manual, 8 1/2 x 11 inches, 72 pgs, 4/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2269

STORAGE DEVICE MIGRATION AID (SDMA) - IUP 5796-PHP, SYSTEMS GUIDE

The Systems Guide is for those systems and applications programmers who handle program modifications, error diagnosis, and program maintenance for the Storage Device

Migration Aid (SDMA), an IBM installed user program.

This guide is divided into four sections: record formats, program descriptions, program modifications, and error diagnosis.

- Record formats are formed of PL/1 declare statements, with associated comments.
 - Program descriptions are in narrative form, keyed to the labels and comments in the programs.
 - The program modifications section describes procedure for correcting or modifying the source programs.
 - The error diagnosis section describes the techniques for locating 1) an error within the programs, 2) selected data items from the output of the linkage editor map.
- Manual, 8 1/2 x 11 inches, 96 pgs, 3/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2270

JES3 MONITORING FACILITY (JMF), IUP 5796-PHR, SYSTEMS GUIDE
JES3 Monitoring Facility (JMF) is a software monitor that provides the ability to measure and evaluate the performance of an existing IBM system operating under JES3.

This manual contains descriptions of each of the modules which together comprise the JES3 Monitoring Facility IUP; their function, operation and interrelationships.

An in-depth knowledge of JES3 internals is required for proper and effective use of this program. This document does not provide that knowledge.

Manual, 8 1/2 x 11 inches, 40 pages, 1/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2273

TSO/IQRP INTERFACE, IUP 5796-PHZ, SYSTEMS GUIDE

The purpose of this manual is to provide the system programmer in charge of installation and maintenance of the TSO Interface to IQRP an insight into the system logic flow as well as the IQRP modules changed to accommodate the TSO interface.

This manual serves as an addendum to the Interactive Query and Report Processor Systems Guide (LY20-2072). The IQRP IUP (5796-PDG) is a prerequisite and must be ordered either prior to or in conjunction with the TSO Interface to IQRP. It is strongly recommended that the aforementioned guide be first read in order to gain a more thorough understanding as to how the IQRP System operates.

Manual, 8 1/2 x 11 inches, 16 pages, 1/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2279

VIRTUAL MACHINE/370 CONVERSATIONAL MONITOR SYSTEM (VM/CMS) EXEC LANGUAGE EXTENSIONS, IUP 5796-PJA, SYSTEM GUIDE

This manual describes the internal function of the command processor. It provides the information needed by those persons involved in the maintenance and modification.

Manual, 8 1/2 x 11 inches, 40 pages, 1/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2280

FORTRAN INTERACTIVE SUBROUTINE LIBRARY - IUP 5796-PHT, SYSTEM GUIDE

The FORTRAN Interactive Subroutine Library (FISLIB) Installed User Program consists of a set of FORTRAN callable subroutines which can be used by a FORTRAN programmer to give more flexibility to interactive FORTRAN programs. FISLIB is used where the interaction of human decision making ability with the computer program is essential to permit users to choose between alternatives at key points during program execution. The interactive program produced can be run under: VM/CMS; any of the TSC options - OS/MVT, OS/SVS or OS/MVS; VS/PC FORTRAN; or DOS FORTRAN F utilizing the operating console.

The subroutines written in FORTRAN are designed to be system independent. They provide a simplified method of allowing the terminal program user to: specify program functions to be executed; specify parameters to be varied, reset or incremented; use a comprehensive desk calculator mode for intermediate computations; create procedures, a series of commands, executable by procedure name.

System Guide, 24 pgs, 2/77

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2282

APL DECISION TABLE PROCESSOR - IUP 5796-PJE, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

The APL Decision Table Processor and Code Generator (DTABL) is a set of interactive APL programs designed to help the user construct and maintain a library of limited entry decision tables and to compile the decision tables into procedural code in a high level language (COBOL, PL/I, APL, ALGOL). The usual concerns of program debugging may thereby be eliminated, allowing the end-user to concentrate on the decision-making logic of the application. Decision tables can be edited and validated for completeness and consistency. ALGOL, APL, COBOL, and PL/I code generators are provided. APL programs can be generated for immediate execution and testing. Programs in the other languages can be filed on a data set and be used as input to other language processors. A full coverage test case sequence for validating the object code is optionally produced.

A questionnaire processor is available as part of this

system to guide an application user through a series of "yes/no" to produce a decision table map. The questionnaire is also useful for interactive checkout of table logic.
Manual, 8 1/2 x 11 inches, 48 pages, 3/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2294

MASS STORAGE CONTROL TABLE MAINTENANCE IUP 5796-PHY, SYSTEMS GUIDE

This manual describes the structure and programming details of the Mass Storage Control Table Maintenance IUP. It is designed to aid those persons responsible for maintaining, updating, modifying, and expanding the program. This manual includes interface descriptions, a description of the general organization of the program and the functions performed by each module of the program.
Manual, 8 1/2 x 11 inches, 224 pages, 2/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2304

IMS SPACE MANAGEMENT UTILITIES II - LIC IUP 5796-PJJ, SYSTEMS GUIDE

The IMS Space Management Utilities II, feature number 8917, can help improve system performance and programmer productivity. The utilities are designed to assist in managing OS, OS/VS, IMS/360 and IMS/VS data space, to detect and report IMS H.D. pointer discrepancies, to provide statistics and information for H.D. tuning and to assist with segment restructuring and reloading during data base reorganization.

This publication describes the internal logic of the IMS Space Management Utilities II program. It is intended for use by persons involved in the maintenance of these utilities. The principal purpose of the publication is to serve as a guide to the program listings with which it is to be used.

Manual, 72 pgs, 5/77

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2311

DISPLAY EDITING SYSTEM FOR CMS, IUP 5796-PJP, SYSTEM GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

The Display Editing System Installed User Program is a full-screen editing system for the Virtual Machine Facility/370 Conversational Monitor System (VM/370 CMS) designed to utilize the features of both local and remote terminals. In addition to a comprehensive array of cursor and command oriented data manipulation functions, the IUP has direct usability in a wide range of user applications. Display terminals supported are the 3277 model 2 and the IBM 3278 model 2, including both the TEXT PROCESSING and APL keyboards.

The Display Editing System accommodates CMS files of all types, including program source material, documentation, and data. It permits users to change portions of the display without program intervention. By placing the cursor on the position(s) requiring change, the user may re-enter the correct character(s). The Display Editing System checks for modifications made to the display image and makes permanent copies of the changes to the file.

System guide, 8 1/2 x 11 inches, 64 pgs, 9/77

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2312

VS PERSONAL COMPUTING PL/I, PROG PROD 5785-EAB, LOGIC

This manual describes the internal logic of the VS Personal Computing PL/I (VSPC PL/I) processor, including the compiler, the library, and the interface between VSPC and PL/I. It is intended for use by system programmers responsible for the maintenance of the PL/I processor. It does not contain information on the PL/I language itself or its usage.

System Guide, 8 1/2 x 11 inches, 223 pgs, 10/77

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2318

MSS TRACE/SMF CORRELATION AID, IUP 5796-PJX, SYSTEMS GUIDE

This manual is for those systems and applications programmers who perform program modifications, error diagnoses, and program maintenance for the Correlation Aid, an IBM installed user program. For further information about this aid and its reports, see the Program Description/Operations Manual (SH20-2045).

This guide is divided into four sections: record formats, program descriptions, program modifications, and error diagnosis.

- Record formats are in the form of PL/I declare statements, with associated comments.
- Program descriptions are in narrative form keyed to the labels and comments in the PL/I programs.
- The program modifications section describes the procedure for correcting or modifying the source programs.
- The error diagnosis section describes the techniques for locating: 1) an error within the programs, and 2) selected data items from the output of the linkage editor map.

Manual, 8 1/2 x 11 inches, 44 pages, 1/78

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2339

TSO-3270 DISPLAY SUPPORT AND STRUCTURED PROGRAMMING FACILITY VERSION 2, LOGIC, PROG PROD 5740-XT8

SPF is a programming aid that operates in the Time Sharing Option (TSO) environment and is designed to increase productivity in developing and modifying programs. SPF supports VS2-TSO users who have a 24-line IEM 3270 display terminal equipped with a full keyboard, including 12 program function keys. SPF increases programmer productivity through:

- display presentations which prompt the user and simplify command and data entry.
- time-saving use of program function keys for commonly performed operations.
- features which facilitate structured programming in a time sharing environment.

This manual describes the logic of SPF. It is designed for those who maintain and use SPF.

Manual, 8 1/2 x 11 inches, 376 pages, 4/77

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2340

HASP NETWORKING (PRPQ P09009) LOGIC, PROG 5799-ATC

This manual describes the purpose and functions of the HASP Networking PRPQ and its relationship to OS/VS2, Release 1.7 and HASP II Version 4.0. It does not replace the program listings; it supplements them and makes the information in them more accessible.

Persons interested in determining sources of errors within or making changes to the internal logic of the HASP Networking PRPQ (HASP/NJI) should read this publication. Readers must be familiar with programming techniques and the operating principles of OS/VS2, Release 1.7 and HASP II Version 4.0. This manual assumes the reader is familiar with the contents of the HASP Logic Manual (GY27-7255).

Portions of the HASP Logic Manual were used as a base for this manual. A vertical rule in the left margin indicates NJI additions.

Manual, 8 1/2 x 11 inches, 200 pages, 4/77

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2341

ASP NETWORKING (PRPQ P09008) LOGIC, PROG 5799-ATE

The ASP NJI System is a set of programs that can be installed in an existing ASP system to provide an interface to a job network interconnecting processors that may be operating under ASP, HASP, VM/370, and JES2 so that users at any node can have access to programs, data files, and facilities available at any other node.

JES2 installations using the Network Job Entry program product must predefine all connections between ASP installations operating under this Networking PRPQ.

This manual describes the function and logic of each ASP NJI module and the changes made to ASP, and acts as a guide to the program listings.

Manual, 8 1/2 x 11 inches, 80 pages, 4/77

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2342

VM/370 NETWORKING (PRPQ P09007) LOGIC, PROG 5799-ATA

This manual describes the internal functioning of the VM/370 Networking PRPQ (VNET). It is intended for use by IBM Program support representatives, and by system programmers and analysts who are responsible for installation, maintenance, and modification of the PRPQ.

This manual assists in isolating VNET module code. It gives:

- An overview of system operations
- Description of VNET's user functions with reference to the tasks and modules that perform them
- A description of each module's main routines and linkages
- Control flow diagrams of inter-routine inter-task relationships
- Data areas: locations and contents
- An approach to problem determination
- Six appendices with extensive reference material

These sections document the program logic sufficiently to point to the module listing that the PLM user needs. Once in a module listing, the user should readily find the logic he is concerned with, using module and subroutine headers (prologues) and the comments in the assembler language statements.

Related publications
Virtual Machine Facility/370 Network Job Interface: General Information Manual, GH20-1941

Virtual Machine Facility/370 Networking: Program Reference and Operations Manual, SH20-1977

Manual, 8 1/2 x 11 inches, 216 pages, 4/77

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2351

HOST REMOTE NODE ENTRY SYSTEM, IUP 5796-PJY, SYSTEM GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

The Host Remote Node Entry System, Installed User Program (5796-PJY), provides the capability of making a VS1 system a remote job entry station to any OS/VS2 MVS/JES2 or SVS/HASP system or another OS/VS1 system. (In an OS/VS1 to OS/VS1 configuration, HRNES could be installed on both CPUs, but is not required. This program, running in a VS1

partition, will do the following; automatically sign on to MVS/JES2 or SVS/HASP, SCAN the specified VS1 input queues and send all jobs found there to MVS/JES2 or SVS/HASP for execution, receive all output from MVS/JES2 or SVS/HASP and will disperse it to the originator at either a local printer/punch or to an RJE printer/punch, provide all MVS/JES2 or SVS/HASP RJE commands to the VS1 operator, provide commands to the VS1 operator, allow sign-off from the VS1 console.
Manual, 8 1/2 x 11 inches, 40 pages, 1/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2355

GENERAL CROSS ASSEMBLER GENERATOR SYSTEM GUIDE, IUP 5796-PKD
This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

The Cross Assembler Generator is a system of programs designed to dramatically reduce the time and cost to create basic program assemblers for a wide variety of computer architecture. The entire system is implemented in APL.

A cross-assembler is an assembler which runs on one computer to assemble code for another computer. The first computer is called the "host computer", and the second is called the "target computer." The Cross Assembler Generator takes advantage of the fact that only 25-30% of an assembler is dependent on the design of the target computer. If the host computer is held constant, then only target computer dependencies need be changed to vary from one assembler to another. Furthermore, the portion of the assembler that is changed has a high degree of regularity and usually can be generated from only one or two pages of descriptive material.

Systems integrators will find this particularly attractive since they can debug machine language programs for hardware before they actually take delivery. This will reduce dependence on the supplier's delivery schedule.

Colleges and universities can use the Cross Assembler Generator in both practical laboratory work and in classrooms as a teaching tool.

Manufacturers can use the Cross Assembler Generator for preliminary programming and thus reduce cost and time in programming support. In addition, these manufacturers can also more cheaply support experimental process or design.

Time sharing vendors and in-house time sharing systems will find this of use to existing users as well as a means of attracting smaller hardware integration to their time sharing services.

Highlights

- Provides end users capability to rapidly define computer assembler
- Can run in any VSAPL, APLSV environment
- Users need not know APL
- Prompting module to lead user through assembler definition
- Core patching capability

Systems Guide, 8 1/2 x 11 inches, 72 pages, 1/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2358

IMS-APL DATA LINK FOR VSPC, IUP 5796-PLA, SYSTEMS GUIDE
This manual describes the design and processing logic for the IMS-APL Data Link for VSPC. It is intended to help those involved in making program modifications, diagnosing program errors, and performing program maintenance.
Manual, 8 1/2 x 11 inches, 28 pages, 2/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2367

BULK DATA TRANSFER, IUP 5796-PKK, SYSTEMS GUIDE
The Bulk Data Transfer IUP provides users of NJE for JES2, HASP/NJI and ASP/NJI with the capability to transfer data sets from one mode in a network to another. This requirement is common to a number of customers who wish to transmit large data files between geographically separated systems or co-located systems via the channel-to-channel adaptor. This manual includes a functional overview, logic flow, module descriptions and programming considerations required for maintaining and modifying this IUP.
Manual, 8 1/2 x 11 inches, 20 pages, 5/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2368

IBM S/370 FORTRAN H EXTENDED OPTIMIZATION ENHANCEMENT, IUP 5796-PKR, SYSTEMS GUIDE
This publication describes the internal design of the IBM System/370 FORTRAN H Extended Compiler Optimization Enhancement. It provides a higher level of optimization to the generation of executable object code from FORTRAN source programs, without requiring any changes to the FORTRAN source or control procedures.

The optimization enhancements to the Library usually provide for faster execution of the commonly used mathematical FORTRAN subroutines and input/output formatted conversions without changing the arithmetic results produced.

The optimization enhancements are applied to the program products FORTRAN H Extended (5734-FO3) and FORTRAN Library M2 (5734-LM3). An understanding of these products is assumed.

The Enhanced Compiler runs under either VM/CMS or MVS using the same conventions as the regular FORTRAN H Extended

compiler and FORTRAN Library M2.

This Systems Guide is intended for use by persons involved in the maintenance of systems and program products. The information contained herein is not necessary for the use and operation of the FORTRAN compiler itself.
Manual, 60 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2370

S/370 MC GILL UNIVERSITY SYSTEM FOR INTERACTIVE COMPUTING (MUSIC IV), IUP 5796-ATL, SYSTEMS GUIDE
MUSIC IV, developed by McGill University in Montreal, Canada, is an interactive operating system complete with a collection of utilities, compiler interfaces and application packages. Their collective goal is to provide a high performance, cost-effective and manageable computing environment. Concurrently users may be performing such diverse activities as problem solving, program development, file editing, word processing, computer assisted instruction and batch processing. Flexible hardware requirements enable its use over an impressive spectrum of IBM computers - from the System/370 Model 115 to the powerful 303X Processing Complexes. It operates in both the VM/370 and dedicated machine environments.

This manual provides information needed by those persons involved in MUSIC system maintenance and modification.
Manual, 8 1/2 x 11 inches, 200 pages, 8/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2371

DL/I DOS/VS SPACE MANAGEMENT UTILITIES, IUP 5796-PKF, SYSTEMS GUIDE

The DL/I DCS/VS Space Management Utilities can help improve system performance and programmer productivity. They are designed to detect and report DL/I HD pointer discrepancies, to provide statistics and information for HD tuning, and to assist with segment restructuring and recoding during data base reorganization.

This publication describes the internal logic of the DL/I DOS/VS Space Management Utilities program. It is intended for use by persons involved in the maintenance of these utilities. The principal purpose of the publication is to serve as a guide to the program listings with which it is to be used.

Manual, 8 1/2 x 11 inches, 56 pages, 8/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2372

GLOBAL SHARED ACCESS METHOD (GSAM) IUP 5796-ATX, SYSTEMS GUIDE

GSAM is a set of programs designed to provide safe and easy access to VSAM data from multiple MVS jobs running concurrently through use of the facilities of the Global Shared Resources (GSR) feature of VSAM.

This publication is directed to the person responsible for maintaining and performing modifications to the Global Shared Access Method (GSAM). It contains detailed information on the overall concepts of GSAM as well as programming techniques used in implementing GSAM, data areas, logic concepts, and modules.

Manual
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2376

DATA BASE DESIGN AID - DCS/VS

No abstract available
Manual, 8 1/2 x 11 inches, 418 pages, 12/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2377

DATA BASE DESIGN AID - OS/VS

No abstract available
Manual, 8 1/2 x 11 inches, 640 pages, 12/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2383

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF), LIC PROG 5740-XY3, LOGIC

This manual describes the internal program logic and operation of the Telecommunications Control System-Advanced Communications Function (TCS-ACF).

The basic TCS-ACF concepts section contains the functional and logical concepts of TCS-ACF and places the program in perspective relative to the Operating System (OS/VS) and the Telecommunications Access Method (TCAM). The method of operation section describes functional flows of programs in the TCS-ACF environment and also points out those features that are major additions to the TCAM facilities or are deviations from TCAM.

The program organization section describes the TCS-ACF modules in the form of a table with the information necessary for an understanding of the function of each module and its place relative to other related modules. This section also discusses each TCS-ADV macro, with a figure of any created parameter list.

Note: This manual describes the Basic TCS-ACF program and does not apply to the multicompiler Networking Feature.
Manual, 8 1/2 x 11 inches, 140 pages, 10/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2411

3800 PAGE FORMATTING SERVICES IUP 5796-AWE LOGIC
The IBM 3800 Page Formatting Services IUP allows an OS/VS user to take advantage of almost all IBM 3800 features with minimal education and effort on the part of the applications programmer.

The purpose of this manual is to provide the system programmer with sufficient information to modify and maintain this IUP. It contains system flowcharts as well as a complete set of HIPO charts describing the detail flow of the components of this IUP.

Manual, 8 1/2 x 11 inches, 200 pages, 4/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2414

PL/I LANGUAGE CONSTRUCTION PRE-PROCESSOR, IUP 5796-PLL, SYSTEMS GUIDE

The PL/I Language Construction Preprocessor is a general purpose preprocessor for PL/I, similar in many ways to the built-in preprocessor, but far more efficient when a large number of new language statements must be defined. Using it, one may create a "language within a language" - i.e., a set of commands for simulation, data base access, graphics, etc., which will be translated to PL/I code. The program will take as input a file consisting of new language commands and, optionally, interspersed PL/I statements, and produce a file of PL/I statements acceptable as input to the PL/I compiler. Command names can be identified by context, so that it is unnecessary to prohibit their use as PL/I variable or array names. The user must supply an external PL/I procedure for each new language statement, to generate the appropriate expansion. He is allowed full use of the PL/I language (as opposed to the limited use permitted by the built-in preprocessor). Efficiency is achieved by pre-compiling the language expansion routines, and by avoiding any extra processing for an unreferenced command. It is designed to operate with OS/VS1, OS/VS2 MVS and VM/370 CMS.

Manual
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2416

IMS-CMS DATA LINK FOR VM/370 IUP 5796-PLF, SYSTEMS GUIDE
This program links the power of APL or DMS data manipulation with the data storage capabilities of IMS. An APL or CMS user may submit IMS transactions and, upon completion of IMS processing, have IMS output available in the user's APL or CMS address space. After processing the data, the user may store results in the IMS system. This publication describes the design and processing logic of this program. It is intended to help those involved in making program modifications, diagnosing program errors, and performing program maintenance.

Manual
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2417

HIGH-SPEED SEQUENTIAL RETRIEVAL OF IMS/VS DATA BASES, IUP 5787-LAA, LOGIC

Many IMS/VS installations run batch DL/I jobs which sequentially process large physical DL/I data bases. If the installation is an online system, these batch runs may have to be made at night while the data bases are not being updated. In both cases there may be a need to increase the system throughput. High-speed Sequential Retrieval (HSSR) was designed as a high performance option to improve throughput for sequential processing of IMS/VS physical data bases. The reduction in CPU-time depends on the Data Base environment, but could reach up to 80% of the CPU-time needed by DL/I.

- With HSSR, an installation may:
- Reduce the time required for batch processing
 - Find that new batch applications are now feasible
 - Run online for a longer period of time

This Installed User Program was developed by, and is running at, the Swiss Bank Corporation, Basel, Switzerland.
Manual, 8 1/2 x 11 inches, 72 pages, 4/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2418

VSE PERFORMANCE TOOL, IUP 5796-PLQ SYSTEMS GUIDE

The performance of an IBM System 4300 operating under DOS/VSE with VSE/Advanced Functions or an IBM System 370 operating under DOS/VSE or DOS/VS depends on many complex and interrelated factors. Manual or theoretical methods cannot adequately evaluate machine/system performance. The VSE/PT Installed User Program is a software tool that provides the ability to measure and report many performance-related factors of such a system.

It uses dynamic event tracing and/or periodic statistical sampling to record system status on an output data file. Subsequently, a series of reports can be produced to aid in the evaluation of software and hardware performance during the entire monitoring period or any portion thereof.

Used on a regular basis, VSE/PT can help answer some key performance questions. It can measure the changing environment to aid in an understanding of the system's internal operations. The measurement detail can be used to identify where changes to the system may produce an improvement in overall performance. Subsequent analysis can verify that the changes produced the desired result. Finally, an analysis of the VSE/PT reports can assist in determining which resources are available for the future

growth of the system.

Manual
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2437

DISPLAY MANAGEMENT SYSTEM/3770 (DMS/3770) RELEASE 1.0, LIC PROG 5740-XC3, LOGIC MANUAL

The Display Management System/3770 (DMS/3770) provides facilities to aid in the design, implementation, testing, and maintenance of application programs for the IBM 3770 Programmable Communication Terminal.

The basic function of this program product is to generate application programs that interface with the terminal operator and to provide data collection and maintenance with a variety of I/O support.

This manual covers the internal logic of the Display Management System 3770.

Manual, 204 pages, 7/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2456

DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS), LIC PROG 5740-SCS (OS/VS), 5746-YC4 (DOS/VS), LOGIC

This manual contains detailed information on the Development Management System/CICS/VS (DMS/CICS/VS) program logic. All program modules are explained through narrative discussion. This documentation is intended to be used in conjunction with the commentary in the source listing header. System tables and work areas are described. The user of this manual must be familiar with the logic of the Customer Information Control System (CICS).

This manual is intended for use by system programmers and application programmers.

Manual, 148 pages, 4/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8004

IMS/VS VERS 1, LOGIC VOL 1 OF 3, PROG PRCD 5740-XX2

This publication is intended for programming systems representatives and system engineers who maintain the IBM Information Management System/Virtual Storage (IMS/VS). It provides information on program control, data base and data communications handling, and IMS/VS utility programs. Before reading this material, you should be familiar with OS/VS and its system generation, telecommunications, and the access methods used by IMS/VS.

This volume introduces IMS/VS logic, explains system flow, explains IMS/VS task and subtask structure, and contains diagrams showing the input, processing, and output for the various functions of IMS/VS.

Manual, 8 1/2 x 11 inches, 808 pgs, 4/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8005

IMS/VS VERS 1 LOGIC, VOL 2 OF 3, PROG PRCD 5740-XX2

This publication is intended for programming systems representatives and system engineers who maintain the IBM Information Management System/Virtual Storage (IMS/VS). It provides information on program control, data base and data communications handling, and IMS/VS utility programs. Before reading this material, you should be familiar with OS/VS and its system generation, telecommunications, and the access methods used by IMS/VS.

This volume includes descriptions and control flow diagrams for the various parts of IMS/VS, and provides a cross-reference table containing information for each of the IMS/VS modules.

Manual, 8 1/2 x 11 inches, 716 pgs, 4/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8010

GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS)

PROGRAM LOGIC MANUAL VOLUME 1 - PROG. PRCD. 5740-XX7

This publication is Volume 1 of a three-volume manual. Volume 2 is LY20-8011; Volume 3 is LY20-8012.

This manual outlines and details the internal logic of GIS/VS. The organization of the manual reflects the design structure of interfacing program units of the system. When applicable, the manual includes diagnostic comments to assist in isolating faulty operation and also contains modification aids to assist the user in making minor changes to the system.

Manual, 494 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8011

GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS)

PROGRAM LOGIC MANUAL VOLUME 2 - PROG. NC. 5740-XX7

This publication is Volume 2 of a three-volume manual. Volume 1 is LY20-8010; Volume 3 is LY20-8012.

This manual outlines and details the internal logic of GIS/VS. The organization of the manual reflects the design structure of interfacing program units of the system. When applicable, the manual includes diagnostic comments to assist in isolating faulty operation and also contains modification aids to assist the user in making minor changes to the system.

Manual, 436 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8012

GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) PROGRAM LOGIC MANUAL VOLUME 3 - PROG. NO. 5740-XX7
This publication is volume 3 of a Three-Volume Manual. Volume 1 is LY20-8010; Volume 2 is LY20-8011.

This manual outlines and details the internal logic of GIS/VS. The organization of the manual reflects the design structure of interfacing program units of the system. When applicable, the manual includes diagnostic comments to assist in isolating faulty operation and also contains modification aids to assist the user in making minor changes to the system.
Manual, 410 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8013

GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) PROGRAM LOGIC MANUAL SUPPLEMENT FOR THE ADVANCED QUERY FEATURE - PROG. NO. 5740-XX7
This manual supplements the three volume Program Logic Manual (LY20-8010, LY20-8011, LY20-8012).

It is intended for users of the Advanced Query Feature.
Manual, 80 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8014

GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) PROGRAM LOGIC MANUAL SUPPLEMENT FOR THE MODIFY FEATURE - PROG. NO. 5740-XX7

This manual supplements the three volume Program Logic Manual (LY20-8010, LY20-8011, LY20-8012).
It is intended for users of the Modify Feature.
Manual, 27 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8015

GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) PROGRAM LOGIC MANUAL SUPPLEMENT FOR THE UPDATE/CREATE FEATURE - PROG. NO. 5740-XX7

This manual supplements the three volume Program Logic Manual (LY20-8010, LY20-8011, LY20-8012).
It is intended for users of the Update/Create Feature.
Manual, 110 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8031

VSPC FORTRAN PROGRAM LOGIC, PROG PROD 5748-FO2
This publication is intended for program support representatives and programmers who service the IBM VSPC FORTRAN program product. It describes the interface to the VS Personal Computing (VSPC) program product, the FORTRAN compiler, and the library routines. It also describes the data areas (called rolls) used by the compiler and diagnostic tools and techniques which can be used in servicing VSPC FORTRAN. To use this book, you must be familiar with the IBM System/360 and System/370 FORTRAN IV Language, GC28-6515, and VSPC FORTRAN Terminal User's Guide, SB20-9062.

Distribution is restricted to licensees with the above mentioned requirement since program logic is not required to use the VSPC FORTRAN product. For information about VSPC installation, see VS Personal Computing (VSPC) Installation Reference Material, SH20-9072.
Manual, 130 pages, 4/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8032

VS APL PROGRAM LOGIC, PROG PROD 5748-AP1
This manual provides information on the design and program logic of VS APL. It includes logic flow and data descriptions. It serves as a guide to the program listings.
Manual, 200 pages, 1/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8037

OS/VS2 MVS VS PERSONAL COMPUTING (VSPC), LIC PROG 5740-XR6 DIAGNOSTIC AIDS
This book provides diagnostic procedures for diagnosing VSPC program failures and tells how to describe them using "keywords." A keyword is an agreed upon word that describes one aspect of a program failure. The user is guided through the systematic development of a keyword string that describes a program failure almost completely. This string is used to search the System Support Facility (SSF) for similarly described known problems. If the problem has been identified previously, the solution is given. If the problem has not previously been identified, the keywords can be used to complete an APAR.
Manual, 8 1/2 x 11 inches, 48 pages, 8/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8039

DOS/VS VS PERSONAL COMPUTING (VSPC) LOGIC PROG PROD 5746-XR3
This publication is intended for programming support representatives and system programmers who service the IBM VS Personal Computing (VSPC) program product. It describes the method of operation of VSPC, the flow of control among the object modules, the major data areas used by VSPC, and the diagnostic tools and techniques required to determine and describe problems encountered in the operation of VSPC.

Before reading this manual, you should be familiar with DOS/VS and its system generation, telecommunications, VSAM, and VTAM. For information on installation procedures, see VS Personal Computing (VSPC) Installation Reference Material, SH20-9072.

Distribution is restricted to licensees with the above-mentioned requirement since program logic is not required to use the VSPC product.
Manual, 220 pgs, 10/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8041

IMS/VS VERSION 1 LOGIC VOLUME 3 OF 3, PRG PROD 5740-XX2
This publication is intended for programming systems representatives and system engineers who maintain the IBM Information Management System/Virtual Storage (IMS/VS). It provides information on program control, data base and data communications handling, and IMS/VS utility programs. Before reading this material, you should be familiar with OS/VS and its system generation, telecommunications, and the access methods used by IMS/VS.

This volume consists of descriptions of IMS/VS data areas, control blocks, tables and queues, and describes procedures that may be used to detect, trace, and document problems in the operation of IMS/VS.
Manual, 8 1/2 x 11 inches, 368 pgs, 4/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8047

OS/MVT ANALYSIS PROGRAM-1 (AP-1) LOGIC, PRG 5799-ARG, PRPQ EG4653 FOR 3350 & 3330 MODEL 11 ON SYSTEM/370
This manual is intended for maintenance personnel who require an in-depth knowledge of AP-1's design, organization, data area and diagnostic information.

This manual describes the internal logic of AP-1 and contains a Microfiche directory and diagnostic information. The microfiche directory should be used with the program listings which show which module references the fields of data. The labels used in each module is also presented. OS/MVT Analysis Program-1 (AP-1) User's Guide, SH20-9106, is a prerequisite.
Manual, 69 pages, 9/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8049

OS/MVT AND OS/VS DASDR LOGIC - PROG PROD 5740-UT1
This manual is intended for programming support representatives and system programmers who support DASDR program product and require an in-depth knowledge of the organization, data areas, and diagnostic information of the program.

The manual describes the internal logic of the program and contains diagnostic information, data area descriptions, and figures that show the relationship between various parts of the program.
OS/MVT and OS/VS DASD User's Guide, SH20-9111, is a prerequisite manual.
Manual, 100 pages, 3/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8050

IMS/VS VERSION 1 FAILURE ANALYSIS STRUCTURE TABLES (FAST) FOR DUMP ANALYSIS, PROG PROD 5740-XX2
This publication presents Failure Analysis Structure Tables (FAST) that associate abnormal termination conditions encountered in operation of IMS/VS with their causes. It is intended for both IMS/VS users and IBM Field Engineering programming support representatives who define and diagnose problems encountered in the operation of IMS/VS. Readers of this book should be able to use this book to precisely define a particular IMS/VS failure.
Manual, 900 pages, 12/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8058

OFFLINE IBM 3800 UTILITY LOGIC, PROG PROD 5748-UT2
This manual explains the logic of the utility program which controls the Offline 3800 Printer. The purpose of the manual is to help the IBM Programming Service Representative (PSR) to isolate a programming failure as quickly as possible. Although this manual is primarily written for the PSR, system programmers and others may also be interested in some of the information presented.
Manual, 8 1/2 x 11 inches, 2 pgs, 11/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8063

IMS/VS VERSION 1 DIAGNOSTIC AIDS, PROG PROD 5740-XX2
This book is designed to help IBM PSRs and customer system programmers do three things:

- Define programming failures systematically
- Find fixes in RETAIN/EWS for IMS/VS programming failures
- Find user-caused programming failures

The book is based on a concept of defining programming failures through the use of "keywords". Keywords are simple words that identify aspects of a programming failure, such as the subfunction that failed or the type of failure. The book tells how to construct a set of keywords to define a programming failure. Once keywords are constructed, they are used to search RETAIN/EWS for similarly defined

programming failures.
Manual, 8 1/2 x 11 inches, 90 pgs, 11/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SLSS - ORDER NO. SUBSCRIPTION ONLY

LY20-8069

IMS/V5 V1, LIC PROG 5740-XX2, LOGIC
This publication is intended for program systems representatives (PSRs) and system programmers who are involved in the service and/or modification of IMS/V5. Sufficient information is provided to enable a user to rapidly locate a pertinent point in the program code. The structure of the manual is based on an information organization linked to the IMS/V5 function/subfunction breakdown as described in the IMS/V5 Diagnostic Aids manual. Prerequisite publications are: IMS/V5 Diagnostic Aids, LY20-8063; IMS/V5 System/Application Design Guide, SH20-9025; IMS/V5 System Programming Reference Manual, SH20-9027; and IMS/V5 Utilities Reference Manual, SH20-9029. Manual, 8 1/2 x 11 inches, 400 pages, 9/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY21-0022

IBM 1288 BASIC UNFORMATTED READ SYSTEM (MFT/MVT/VS1/VS2): LOGIC MANUAL, PROG. NO. 5734-UT3
This PIM is written primarily for persons responsible for the maintenance of the program. It is intended as a recall mechanism and a debugging aid. As a debugging aid, this manual serves best as a guide to sequences of instructions found in the coding of the program.
This publication describes the internal logic of the IBM 1288 Basic Unformatted Read System and includes the following items:
-Method of Operation
-Program Organization
-Data Area Formats
The information necessary to implement the program is not included in this publication.
Program Logic Manual, 88 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY20-8072

OS/VS1 AND OS/VS2 MVS VS PERSONAL COMPUTING (VSPC) LOGIC
This publication describes the internal logic of VS Personal Computing (VSPC), an IBM program product that runs under OS/VS1 and OS/VS2 MVS. It is directed toward persons supporting VSPC who require information about the functions performed and the methods used to determine the nature and cause of problems encountered when executing the functions. Since program logic is not needed to use VSPC, this publication is limited to licensees involved in program service.
Manual, 128 pages, 12/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY21-9203

APPLICATION CONTROL LANGUAGE SUPPORT LOGIC MANUAL (FOR IBM 3741 MODELS 3 & 4 PROGRAMMING WORK STATION)
This publication is intended for IBM programming support representatives when servicing an IBM 3741 MCDL 3 or 4 Programmable Work Station for microcode defects. This publication discusses the application control language (ACL) used on the work station and contains theory on how the work station's microcode works, source to object code conversion, information on the operation of each ACI instruction, a storage map and description of the system controlled storage, information for using the diagnostic aids, and information on some debugging aids that were not in the customer publications.
The reader should be familiar with the contents of the IBM 3741 Models 3 and 4 Programmable Work Station Programming Reference Manual, GA21-9194.
Manual, 240 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GY21-0012

OS BSAM LOGIC FOR IBM 1419/1275
This publication describes the logic of the basic sequential access method (BSAM) routines required to use the IBM 1419 Magnetic Char. Reader and the IBM 1275 Optical Char. Reader with the MFT, MVT, and VS options of the operating system (OS). It is intended for IBM customer engineers and for programmers who must understand or modify 1419/1275 BSAM routines.

A general understanding of OS and data management and an understanding of how to write 1419/1275 programs is required to use this publication. See OS Data Management Services & Macro Instructions for IBM 1419/1275, GC21-5006 for information on how to write programs for the 1419 and 1275.
Manual, 74 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY24-3606

IBM EMULATOR FOR HONEYWELL SERIES 200 ON SYSTEM/370 USING DOS & DOS/VS: LOGIC, PROG. NO. 5799-ADT
This publication describes the internal logic of the Honeywell Series 200 Emulator Program, an integrated emulator program, for the IBM System/370 Models 135 and 145. The emulator is a problem program that is executed under control of the IBM Disk Operating System (DCS). The emulator program, together with the appropriate compatibility feature (RPQ S00120 for the Model 135, RPQ S00121 for RPQ S00122 for the Model 145), executes most Honeywell Series 200 object programs without modification on a System/370.

For additional information, refer to IEM Emulator for Honeywell Series 200 on System/370 Using DCS, GA24-3604.
Manual, 375 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GY21-0013

OS DATA MANAGEMENT MACRO LOGIC FOR IBM 1285/1287/1288
This publication describes the internal program logic for the MFT, MVT, VS1 and VS2 support of the IBM 1285, the IBM 1287, and the IBM 1288. The support includes modules to read documents with BSAM and journal tapes with QSAM.

This publication is intended for use by IBM programming systems representatives involved in program maintenance and by programmers needing information on the logic of the 1285/1287/1288 data management routines.
Manual, 91 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY24-3607

EMULATOR FOR RCA 301 ON SYSTEM/370 USING DCS & DCS/VS: LOGIC, PRCG. NO. 5799-ADR
This Logic Manual describes the internal logic of the RCA 301 Emulator Program, an integrated emulator program, for the IBM System/370 Model 135 or 145. The emulator program is a problem program that is executed under control of the System/360 Disk Operating System. The emulator program, together with the appropriate compatibility feature (RPQ S00118 for the Model 135, RPQ S00119 for the Model 145), executes most RCA 201 object programs without modification on a System/370.

For additional information, refer to IEM Emulator for RCA 301 on System/370 Using DOS, GA24-3605.
Manual, 375 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY21-0014

IBM DOS RPG II LANGUAGE PROGRAM LOGIC MANUAL PROGRAM NUMBER 5736-RGI

This publication describes the internal logic of the RPG II compiler, object program, and formatted dump program. It is intended as a recall mechanism and a debugging aid. As a debugging aid, this manual serves best as a guide to sequences of instructions found in the coding of the program.

This manual is divided into three parts describing the internal logic of the RPG II program. The first part describes the RPG II compiler, the second part describes the object program, and the third part the RPG II formatted dump program. Each part includes the following areas:

- o Introduction.
- o Method of Operation.
- o Program Organization.
- o Directory.
- o Data Areas.

The information necessary to implement the program is not included in this publication.
Manual, 240 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GY24-5154

DOS OLTEP LOGIC
This reference publication describes the internal logic of the System/360 Disk Operating System Online Test Executive Program (OLTEP). It is for persons involved in program maintenance and programmers who are altering the program design.

For titles and abstracts of associated publications, see the IBM SYSTEM/360 AND SYSTEM/370 BIELICGRAPHY (GA22-6822).
Manual, 172 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY21-0021

IBM SYSTEM/360 IBM 1288 BASIC UNFORMATTED READ SYSTEM PROGRAM LOGIC MANUAL PROGRAM NUMBER 5736-UT1

This publication describes the internal logic of the data capture program. This includes the following areas:
Method of operation
Program organization
Data area formats

This manual is intended as a recall mechanism and a debugging aid. It does not include information necessary to implement the program.
Program Logic Manual, 88 pages

SY24-5155

OS/VS1 SUPERVISOR LOGIC

This manual describes the purpose and function of the VS1 supervisor and its relationship to the control program. The major areas of the supervisor are identified as interrupt management, task management, contents management, virtual storage management, page management, timer management, and overlay management. Each of the routines related to these functions, the data areas used by the supervisor, and the diagnostic aids for maintaining the system are described in detail. Three appendixes provide information on Program Fetch, time slicing, shared DASD, extended precision

floating point decimal simulator, generalized trace facility, and ECPS (extended control program support) for VS1.

This manual does not discuss I/O supervision, checkpoint/restart, or recovery management services.

Persons interested in determining sources of errors within or making changes to the internal logic of the VS1 supervisor should read this manual. This manual is also written as a reference tool for educational purposes. Readers must be familiar with programming techniques and the operating principles of VS1.

Prerequisite reading: IBM System/370 System Summary. Manual, 432 pages, (release 6)
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5156

OS/VS1 I/O SUPERVISOR LOGIC MANUAL

This manual describes the internal logic of the OS/VS I/O supervisor. It is intended to be used by program support customer engineers and system programmers who alter program design.

The I/O supervisor starts, monitors, and, when necessary, restarts I/O operations.

This manual is comprised of 7 sections:

1. Introduction: Informs you of the I/O supervisor's services and overall operation.
2. Method of Operation: Provides high level HIPO (Hierarchy plus Input-Process-Output) diagrams that describe the operation of the I/O supervisor and guide you into the program listing.
3. Program Organization: Contains functional organization charts of the I/O supervisor, and flowcharts of new or particularly complex routines.
4. Directories: Provides cross-reference lists.
5. Data Areas: Contains descriptions of the data areas that are used primarily by the I/O supervisor.
6. Diagnostic Aids: Contains information to help you interpret the program listing.
7. Appendixes: Supplements both this manual and the program listing. Included are descriptions of SVC routines and optional features, error recording information, error recovery routines, list of abbreviations, and a glossary.

Manual, 184 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5159

OS/VS1 CHECKPOINT/RESTART LOGIC

Provides a reference to the checkpoint and restart routines for persons involved in program maintenance, and for system programmers who are altering the program design. Sections included give a brief introduction, major functions, control flow, pointers to the listings, data areas used, and messages issued by the checkpoint and restart routines.

Prerequisite Publications:

- o OS/VS Checkpoint/Restart, GC26-3784
- o OS/VS1 JCL Services, GC24-5100

Manual, 44 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5160

OS/VS1 IPL AND NIP LOGIC

Describes the internal logic of the OS/VS1 Initial Program Loader (IPL) and Nucleus Initialization Program (NIP) for persons involved in program maintenance, and for system programmers who are altering the program design.

Sections included in this reference manual provide the reader with introductory information about IPL and NIP, their functions, their routines, cross-references to the listings, data areas used, messages issued, and possible wait state codes.

Prerequisite Publications:

- o IBM System/370 System Summary, GA22-7001.
- o OS/VS1 Planning and Use Guide, GC24-5090.

Program Logic Manual, 152 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5162

OS/VS IBM 3886 OPTICAL CHARACTER READER MODEL 1 LOGIC

This publication, when used with program listings, meets the documentation requirements of support personnel who maintain the Operating System/Virtual Storage (OS/VS) support for the IBM 3886 Model 1 under the Basic Sequential Access Method (BSAM). The publication describes the modules that form the IBM System/370 OS/VS support for the IBM 3886.

Manual, 56 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5163

OS/VS IBM 3890 DOCUMENT PROCESSOR LOGIC

This publication when used with the program listings, provides the documentation requirements of support personnel who service the Operating System/Virtual Storage (OS/VS) support for the IBM 3890 Document Processor under the Queued Sequential Access Method (QSAM).

This publication describes the following modules that form the IBM System/370 OS/VS support for the IBM 3890:

- o OPEN Executor for the IBM 3890
- o SETDEV module
- o GET Module

- o SYNCH Module
- o CNTRL Module
- o ERP (error recovery procedure) module

Manual, 40 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5165

OS/VS DISKETTE COPY PROGRAMMING SUPPORT PROGRAM LOGIC

A program logic Manual describes the internal design or logic of the subject program. These manuals are intended for persons involved in program maintenance and system programmers who are altering the program design. Program logic information is not necessary for the operation of the program; therefore, distribution of these publications should be limited to persons with maintenance and alteration requirements.

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5166

OS/VS1 LOGIC FOR IBM 3540 DISKETTE INPUT/OUTPUT UNIT

This publication documents the internal operation of the programs that support operation of the IBM 3540 Diskette Input/Output Unit under OS/VS1. It helps the programmer follow the internal operation of the programs to determine the location of a program malfunction.

Manual, 100 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5167

OS/VS2 LOGIC FOR IBM 3540 DISKETTE INPUT/OUTPUT UNIT

This publication documents the internal operation of the programs that support operation of the IBM 3540 Diskette Input/Output Unit under OS/VS2. It helps the programmer follow the internal operation of the programs to determine the location of a program malfunction.

Manual, 150 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5168

OS/VS1 JOB MANAGEMENT LOGIC, VOLUME 1

This publication is Volume 1 of a two volume set. The two volume set replaces OS/VS1 Job Management Logic, SY24-5161. This volume contains Section 1: Job Management Concepts, Section 2: Method of Operation, and Section 3: Program Organization. Volume 2 (SY24-5169) contains Program Logic Manual Sections 4, 5, and 6.

This manual supplements the program listings and makes the information in the listings easier to access. It is for persons involved with program changes, and provides them with a hierarchical overview of the job management functions to show how they operate functional system flow to illustrate the functions performed by the various job management modules.

The user of this publication should be familiar with OS/VS1 concepts and terminology, and have a knowledge of the OS/VS1 job management functions. Prerequisite publications are:

- OS/VS1 Planning and Use Guide, GC24-5090
- OS/VS1 JCL Reference, GC24-5099
- OS/VS1 JCL Services, GC24-5100
- OS/VS1 Supervisor Services and Macro Instructions, GC24-5103

Manual, 540 pages, 2/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5169

OS/VS1 JOB MANAGEMENT LOGIC, VOLUME 2

This publication is Volume 2 of a two volume set. It contains Section 4: Cross Reference Directory, Section 5: Data Areas, and Section 6: Diagnostic Aids. An appendix, Directory of Abbreviations, is also included. This volume is to be used in conjunction with its companion volume OS/VS1 Job Management Logic, Volume 1, SY24-5168.

Prerequisite publications are:

- OS/VS1 Planning and Use Guide, GC24-5090
- OS/VS1 JCL Reference, GC24-5099
- OS/VS1 JCL Services, GC24-5100
- OS/VS1 Supervisor Services and Macro Instructions, GC24-5103

Manual, 336 pages, 2/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5170

OS/VS1 RECOVERY MANAGEMENT SUPPORT LOGIC

This publication describes three recovery management programs that are part of OS/VS1:

- o The Machine-Check Handler (MCH), a program that processes machine-check interruptions and writes diagnostic messages and error records.
 - o The Channel-Check Handler (CCH), a program that receives control after the detection of a channel data check, channel control check, or interface control check.
 - o Dynamic Device Reconfiguration (DDR), a program that permits a demountable volume to be moved from one device to another and repositioned. This method is used to bypass I/O errors and avoid abnormally terminating the affected job or reloading the system.
- This publication also includes appendixes for:
- o The Missing Interruption Checker (MIC), a program that checks to see that expected I/O interruptions occur

within a specified time period.

- o The Power Warning Feature (PWF), a program that prevents the loss of information in real storage at the occurrence of a utility power disturbance. This publication is intended to be used as a guide to the program listings. The intended audience includes customer engineers, programming support representatives, and system programmers.
Manual, approx. 160 pgs, 8/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5174

OS/VS1 VECTOR PROCESSING SUBSYSTEM LOGIC - SUID 5741-606
This publication describes the internal logic of OS/VS1 Vector Processing Subsystem (VPSS). It is intended for use by IBM personnel who provide maintenance for that program. Information includes a VPSS overview, a functional description, program organization module directory, data areas, and program maintenance aids.
Manual, 8 1/2 x 11 inches, 250 pgs, 9/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5175

SU5 SUPPLEMENT TO OS/VS1 I/O SUPERVISOR LOGIC (SY24-5156-5)
This publication supplements the I/O Supervisor Logic manual, SY24-5156-5, for MSS Enhancements, Selectable Unit 5741-605. It describes the specifications for the Start I/O routine for virtual DASD devices.
Manual, 8 1/2 x 11 inches, 20 pgs, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5176

SU5 SUPPLEMENT TO OS/VS1 RECOVERY MANAGEMENT SUPPORT LOGIC (SY24-5170-0)
This publication supplements the OS/VS1 Recovery Management Support Logic manual, SY24-5170-0, for MSS Enhancements, selectable unit 5741-605. It describes the specification of longer time intervals needed by the Missing Interrupt Checker (MIC) to properly check for missing interrupts from Mass Storage System (MSS) devices.
Manual, 8 1/2 x 11 inches, 16 pgs, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5177

SU 5741-605 SUPPLEMENT TO VS1 SYSTEM DATA AREAS, SY28-0605-5
This publication supplements the OS/VS1 System Data Areas manual, SY28-0605-5, for OS/VS1 MSS Enhancements, S.U. 5741-605. It documents the additional MSS flags in the Request Queue Element (RQE).
Manual, 8 pgs, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5178

SU5 SUPPLEMENT TO OS/VS1 JOB MANAGEMENT LOGIC, VOLUME 1
This manual, on OS/VS1 selectable unit 5741-605, provides MSS (Mass Storage System) Enhancements information for OS/VS1 Job Management Logic, Volume 1 (SY24-5168). Intended users are customers and IBM personnel.
Manual, 8 1/2 x 11 inches, 16 pgs, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5179

SU5 SUPPLEMENT TO OS/VS1 JOB MANAGEMENT LOGIC, VOLUME 2 (SY24-5169-0) SELECTABLE UNIT 5741-605
SU5 provides MSS enhancements for VS1. This Supplement adds information to the OS/VS1 Job Management Logic, Volume 2 (SY24-5169). The intended audience is customers and IBM personnel.
Manual, 20 pgs, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5181

DOS/VSE FIXED BLOCK ARCHITECTURE LOGICAL IOCS
This reference publication is the fourth of four logic manuals that describe the internal logic of the Logical IOCS (Input/Output Control System) programs for the IBM Disk Operation System/Virtual Storage Extended. The four related logic manuals are:

- Volume 1: General Information and Imperative Macros, SY33-8559
- Volume 2: SAM, SY33-8560
- Volume 3: DAM and ISAM, SY33-8561
- FBA Logical IOCS, SY24-5181

 This manual is intended for use by persons involved in program maintenance and by system programmers who are altering the program design. Program logic information is not necessary for the operation of the programs described.
Manual, 8 1/2 x 11 inches, 532 pages, 2/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5182

SUPPLEMENT TO OS/VS1 SUPERVISOR LOGIC, SUID 5741-606
This manual is a supplement to, and provides replacement pages for OS/VS1 Supervisor Logic, SY24-5155-5. It documents the OS/VS1 Subsystem Attachment Support selectable unit impact to the OS/VS1 supervisor.
Manual, 8 1/2 x 11 inches, 40 pgs, 8/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5183

SU 5741-606 SUPPLEMENT TO VS1 SYSTEM DATA AREAS, SY28-0605-5
This publication supplements the OS/VS1 System Data Areas manual, SY28-0605-5, for OS/VS1 Subsystem Support. It documents new data areas and changes to existing data areas for subsystem support.
Manual, 36 pgs, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5184

SU6 SUPPLEMENT TO OS/VS1 JOB MANAGEMENT LOGIC, VOLUME 1 (SU ID 5741-606)
VS1 SU6 (Selectable Unit 5741-606) provides a generalized linkage to subsystems. This supplement adds SU6 information to OS/VS1 Job Management Logic, Volume 1 (SY24-5168). Intended users are customers and IBM personnel.
Manual, 60 pgs, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5185

SU6 SUPPLEMENT TO OS/VS1 JOB MANAGEMENT LOGIC, VOLUME 2 (SY24-5169-0) SU ID 5741-606
VS1 SU6 (Selectable Unit 5741-606) provides a generalized linkage to subsystems. This supplement adds SU6 information to OS/VS1 Job Management Logic, Volume 2 (SY24-5169). Intended users are customers and IBM personnel.
Manual, 64 pgs, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY24-5187

IBM 3895 DOCUMENT IDENTIFICATION AND DESCRIPTION MACROS (DIDM) LOGIC, LIC PROG 5748-F12
This manual describes the internal logic of IIM and contains macro descriptions and diagnostic information. It is designed to be used with the program listings. The material contained in this manual includes an overview of DIDM macros, logic flow of the program (flow charts), and a description of the tables used.
Manual, 8 1/2 x 11 inches, 110 pgs, 4/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY24-5191

VSE/VSAM VSAM LOGIC, VOLUME 1: CATALOG MANAGEMENT, OPEN/CLOSE, DAESM, ISAM INTERFACE PROGRAM CONTROL BLOCK MANIPULATION 5745-SC-VSM, 5745-SC-VCM
This book describes the internal logic of VSAM and provides diagnostic information for maintenance personnel and development programmers who require an in-depth knowledge of the program's design, organization, and data areas. It is not required for effective use of VSAM.
Manual, 474 pages, 2/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY24-5192

VSE/VSAM VSAM LOGIC, VOLUME 2: RECORD MANAGEMENT 5745-SC-VSM, LIC PROG 5746-AM2
This book describes the internal logic of VSAM and provides diagnostic information for maintenance personnel and development programmers who require an in-depth knowledge of the program's design, organization, and data areas. It is not required for effective use of VSAM.
Manual, 452 pages, 2/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY24-5193

SU 5741-604 SUPPLEMENT TO VS1 SYSTEM DATA AREAS, SY28-0605-5
This publication supplements the OS/VS1 System Data Areas, SY28-0605-5, for the IBM 3895 Document Reader/Inscriber, S.U. 5741-604. It documents changes to the IOE and UCB.
Manual, 16 pgs, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5194

SU-4 SUPPLEMENT TO OS/VS1 I/O SUPERVISOR LOGIC (SY24-5156-5) SU ID 5741-604
This publication supplements the I/O Supervisor Logic manual, SY24-5156-5, for the IBM 3895 document reader/inscriber, Selectable Unit 5741-604. It describes the 3895 error routine.
Manual, 8 1/2 x 11 inches, 20 pgs, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY24-5195

VSE/VSAM ACCESS METHOD SERVICES LOGIC, COMPONENT ID 5745-SC-AMS, LIC PROG 5746-AM2
This book describes the internal logic of Access Method Services and provides diagnostic information for maintenance personnel and development programmers who require an in-depth knowledge of the program's design, organization, and data areas. It is not required for effective use of Access Method Services.
Manual, 500 pages, 2/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY24-5203

VIRTUAL MACHINE FACILITY/370: REMOTE SPOOLING COMMUNICATIONS SUBSYSTEM NETWORKING, LIC PROG 5748-XPL, LOGIC

This logic manual describes the internal functioning of the Remote Spooling Communications Subsystem Networking program product. It is for IBM Program Support Representatives, system programmers, and system analysts responsible for installation, maintenance, and modification of RSCS Networking. It contains:

- An overview of RSCS Networking operations.
 - Descriptions of RSCS Networking's user functions with reference to the tasks and modules that perform them.
 - A description of each module's main routines and linkages.
 - Control flow diagrams.
 - Location and contents of data areas.
 - An approach to problem determination.
 - A description of the RSCS Networking Preloader utility
- Manual, 8 1/2 x 11 inches, 180 pages, 3/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY24-5205

VIRTUAL MACHINE FACILITY/370 VM/INTERACTIVE FILE SHARING, LIC PROG 5748-XXC, LOGIC

This manual describes the internal logic of VM/Interactive File Sharing for CMS. It contains detailed component descriptions, module interconnecting diagrams, and module descriptions. The information in this manual is designed to be used with program listings.
Manual, 8 1/2 x 11 inches, 110 pages, 4/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY24-5206

VIRTUAL MACHINE FACILITY/370 DISPLAY MANAGEMENT SYSTEM FOR CMS: LOGIC

This manual contains brief descriptions of the functions, architecture, logic flow, and structure of the Display Management System for CMS. It also contains an extensive description of each module, a number of cross-reference tables to aid in tracking flow, and depictions of the data areas used.
Manual, 8 1/2 x 11 inches, 100 pages, 3/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY24-6000

OS/VS2 MVS JES2 R4 LOGIC

This publication provides the Programming Service Representative and the using System Programmer with detailed information on the internal organization and logic of JES2 Release 4. The publication contains:

- Sec. 1 Introduction: describes the general characteristics and functions of JES2.
 - Sec. 2 Method of Operation: contains HIPO diagrams that summarize the operation of JES2.
 - Sec. 3 Program Organization: provides descriptions of the operation of each JES2 Module.
 - Sec. 4 Directory: provides cross-reference lists and describes entry points.
 - Sec. 5 Data areas: depicts and describes JES2 control blocks and data areas.
 - Sec. 6 Diagnostic Aids: lists register usage by major routines and describes error analysis techniques.
- Appendix A. JES2 Programmer Macros: describes JES2 macros and their use. Appendix B. Multi-Leaving: describes the basic principles of Multi-Leaving. Appendix C. Remote Terminal Bootstrap: describes the RTPBOOT bootstrap program. Appendix D. External Writer: describes the external writer program used for producing SYSOUT data sets on magnetic tape or direct-access devices.

Manual, 850 pages, 5/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY24-6001

NETWORK JOB ENTRY FACILITY FOR JES2 PROG 5740-XR8, LOGIC

This manual is for use by IBM PSRs and Customer System Programmers for use in understanding the logic behind the operation of JES2 NJE. This manual is necessary for use in troubleshooting JES2 NJE, when used in conjunction with the program listings, and for designing user modifications to JES2 NJE.

Manual, 8 1/2 x 11 inches, 642 pgs, 1/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY24-6051

SUPPLEMENT FOR SU35 TO MVS JES2 REL 4 LOGIC: JES2 REL 4.1, 5752-825

This is a supplement to base publication SY24-6000-0. It contains information in support of Release 4.1 of JES2.
Manual, 8 1/2 x 11 inches, 212 pgs, 1/77
/////5752-825

SY24-6052

SUPPLEMENT FOR SU33: MVS DUMPING IMPROVEMENTS, 5752-833

This supplement to SY28-0643-4 includes miscellaneous changes describing the new AMDPRDMP LOGDATA and SUMDUMP control statements, and the formatting of data management, IOS, and TRM control blocks by AMDPRDMP.
Manual, 8 1/2 x 11 inches, 24 pgs, 4/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-6053

SUPPLEMENT FOR SU18 TO MVS JES3 LOGIC:JES3 REL 2.1 MSS, 5752-818

Describes the logic of JES3 to program support representatives and system programmers whose installation supports the 3850 Mass Storage System.
Manual, 8 1/2 x 11 inches, 138 pgs, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-6054

SUPPLEMENT FOR SU29 TO MVS JES3 LOGIC: 3838 VPSS, 5752-829

This is a supplement to base publication JES3 Logic, SY28-0612-0. It contains information in support of JES3 Release 2 (SU12) and JES3 3850 MSS (SU18).
Manual, 8 1/2 x 11 inches, 16 pgs., 8/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY25-0001

MVS INTERACTIVE PROBLEM CONTROL SYSTEM ICGIC, SUID 5752-857

This manual provides information about the program logic of the OS/VS2 MVS IPCS Selectable Unit. It describes the structure of IPCS modules by grouping the modules into functional areas. It describes the operations used to execute IPCS subcommands. The manual includes a brief description of every OPCS module, and shows the control flow used in executing the modules. It also includes descriptions of the data sets and control blocks used by IPCS.

The manual is primarily a reference manual. The manual enables a user to identify a failing IPCS component down to the module level. Then microfiche can be used to examine the module's code.

The manual is intended for use by IBM PSRs and customer system programmers who have a need to analyze the IPCS code. A basic knowledge of OS/VS2 MVS and TSO is assumed.
Manual, 8 1/2 x 11 inches, 400 pages, 4/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY25-7701

IBM VIRTUAL MACHINE FACILITY/370:ENVIRONMENTAL RECORDING EDITING AND PRINTING (EREP), ICGIC

This publication describes the internal logic and organization of the VM/370 service routine, CPERP (Control Program Environmental Recording Editing and Print Program). This publication is intended for the IBM programming systems representative and installation programmer involved in maintenance and modification of VM/370 System Control Program (SCP).

This publication should be used in conjunction with IBM Virtual Machine Facility/370: Environmental Recording, Editing and Printing (EREP) Program, GC29-8300, which tells how to use the CPERP program to edit and print error information and other system data contained on the VM/370 error recording cylinders.
Manual, 86 pages, 2/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY26-3737

IBM SYSTEM/360 OPERATING SYSTEM TIME SHARING OPTIONASSEMBLER PROMPTER PROGRAM LOGIC MANUALPROGRAM NUMBER 5734-CP2

This manual describes the assembler prompter, a program product that operates only under the Time Sharing Option (TSO) of the IBM System/360 Operating System.

The assembler prompter consists of two modules that interact with the TSO terminal monitor program (TMP), the parse service routine (IKJPARS), the dynamic allocation interface routine (IKJDAIR), the PULLLINE service routine, and the stack service routine. This manual discusses how the assembler prompter interacts with these routines to analyze the ASM command and to allocate data sets required by the assembler. It also discusses how the prompter passes control to the assembler.

The manual assumes that the reader knows the ASM command, its operands, and how to use the command as described in the IBM SYSTEM/360 OPERATING SYSTEM: TIME SHARING OPTION ASSEMBLER PROMPTER USER'S GUIDE (SC26-3740). The book also assumes that the reader is familiar with the assembler language and the concepts of TSO as described in: IBM SYSTEM/360 OPERATING SYSTEM: ASSEMBLER LANGUAGE (GC28-6514)

IBM SYSTEM/360 OPERATING SYSTEM: TIME SHARING OPTION GUIDE (GC28-6698)

IBM SYSTEM/360 OPERATING SYSTEM: TIME SHARING OPTION COMMAND LANGUAGE REFERENCE (GC28-6732)

IBM SYSTEM/360 OPERATING SYSTEM: TIME SHARING OPTION GUIDE TO WRITING A TERMINAL MONITOR PROGRAM OR A COMMAND PROCESSOR (GC28-6764)

This manual is intended for people involved in program maintenance, and its distribution is limited to licensees doing maintenance work. Program logic information is not necessary to use the program.
Manual, 56 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

LY26-3760

OS ASSEMBLER H LOGIC PROG. NO. 5734-AS1

This publication describes the internal logic and operation of Assembler H running under the IBM System/360 Operating System. In addition to descriptive text, this publication contains detailed flowcharts, figures showing the formats of internal tables and data areas, a microfiche directory, and a number of appendixes containing related reference documentation.

Program Logic Manuals are intended for IBM Customer Engineers concerned with program maintenance or alteration, and system programmers concerned with system design.

The reader should be familiar with the IBM System/360 Operating System and with the functions of an assembler. Program Logic Manual, 320 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3814

OS/VS LOADER LOGIC

This publication describes the internal logic and organization of the OS/VS Loader program. It is intended for persons involved in maintaining or modifying the loader. It is not required for normal use and operation of the program described.

Before using this publication, the reader must be familiar with OS/VS Linkage Editor and Loader, GC26-3813, and OS/VS and DOS/VS Assembler Language, GC33-4010.

Corequisite publications include OS/VS1 Storage Estimates, GC24-5094, or OS/VS2 Storage Estimates, GC28-0604, and OS/VS1 System Data Areas, SY28-0605, or OS/VS2 System Data Areas, SY28-0606.
Manual, 167 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3815

OS/VS LINKAGE EDITOR LOGIC

This publication describes the internal organization and logic of the OS/VS linkage editor. The linkage editor, a processing program, combines and edits modules to produce a load module that can be loaded into virtual storage by the control program.

This publication is intended for persons involved in the maintenance and modification of the linkage editor; it is not required for the normal use and operation of the programs described.

The following publications are required for an understanding of the linkage editor:

- o OS/VS Linkage Editor and Loader, GC26-3813
- o OS/VS Data Management Services Guide, GC26-3783
- o OS/VS Data Management Macro Instructions, GC26-3793
- o OS/VS JCL Reference, GC28-0618

OS/VS1 System Data Areas, SY28-0605, or OS/VS2 System Data Areas, SY28-0606, describes data areas used by the linkage editor.

Manual, 232 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3820

OS/VS2 CHECKPOINT/RESTART LOGIC

This book describes the logic of the OS/VS2 routines that take a checkpoint and restart a job at a checkpoint. The major parts of this book and the information in them are as follows:

- o Introduction - describes the checkpoint/restart routines in general terms and briefly tells what they do.
- o Method of Operation - describes the operations performed by checkpoint/restart routines and the input to and output from those operations.
- o Program Organization - shows the flow of control between the modules of checkpoint/restart and describes the major operations performed by each module.
- o Data Areas - shows the data areas used by checkpoint/restart routines.
- o Diagnostic Aids - Lists the messages, message codes, and return codes generated by checkpoint/restart modules.
- o Modules Directory - lists each checkpoint/restart module and refers to a figure in "Program Organization" or "Method of Operation" that describes each module.

This book is intended for use by programming systems representatives and system programmers maintaining checkpoint/restart routines.

A general understanding of how the user requests that a checkpoint be taken and restarts his job is prerequisite knowledge for understanding the information in this book. See OS/VS Checkpoint/Restart, GC26-3784, for this type of information.
Manual, 115 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3823

OS/VS2 I/O SUPERVISOR LOGIC REL 3, 3.6 WITH SN28-2618 AND SN28-2736, REL 3.7

Intended as an aid in troubleshooting the OS/VS2 I/O supervisor, the component responsible for communicating with the system's I/O devices. Contains two paths to the microfiche listings: a tutorial path, to make the listings

meaningful to the reader lacking a basic understanding of the I/O supervisor's function and design; and a diagnostic path, to get the knowledgeable reader from a dump, a message, or an error code as near the source of error as possible.

The chapters that make up the tutorial path name and classify the collars of the I/O supervisor, tell how the callers ask for services, and describe how the I/O supervisor performs the services. The chapters that make up the diagnostic path show the diagnostic output of I/O supervisor procedures and give the flow-of-control between the procedures.

Contains two appendixes: the first describes the logic of the OS/VS2 EXCP processor, a component that communicates the requests of some IBM access methods to the I/O supervisor; the second gives an overview of the error recovery processing that is done following an I/O error.

Related Publication: OS/VS2 Scheduler and Supervisor Logic, SY28-0621

listings, this publication allows the reader to maintain or make changes to the I/O supervisor when necessary.

Related publications include OS/VS2 Supervisor Manual, 140 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3825

OS/VS2 VSAM LOGIC

This manual is intended for maintenance personnel and development programmers who require an in-depth knowledge of OS/VS2 VSAM/2 design, organization, and data areas. The Virtual Storage Access Method (VSAM) is an access method for use with OS/VS for data stored on direct-access storage devices.

The manual describes the internal logic of VSAM and contains module directories and diagnostic information. It should be used with the program listings and with the VSAM microfiche cross-reference tables that show which program modules reference the fields of data areas, which modules issue the macros used by VSAM, and how control flows between program procedures.

OS/VS Virtual Storage Access Method (VSAM) Programmer's Guide, GC26-3838, is a prerequisite.
Manual, 300 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3826

OS/VS2 CATALOG MANAGEMENT LOGIC

This manual is intended for maintenance personnel and development programmers who require an in-depth knowledge of OS/VS2 Catalog Management's design, organization, data areas, and diagnostic information.

The manual describes the internal logic of OS/VS Catalog management and contains diagnostic information, data area descriptions, and figures and tables that show the relationship between various parts of the program.

OS/VS Virtual Storage Access Method (VSAM) Programmer's Guide, GC26-3838, and OS/VS Access Method Services, GC26-3836, are prerequisites.

Manual, 320 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3827

OS/VS2 OPEN/CLOSE/EOV LOGIC: REL 3, 3.6; WITH SN26-0823, REL 3.7

This publication is intended for system programmers and people who want to understand the Open/Close/End-of-Volume (EOV) (functions).

Open opens a data set by linking system control blocks so that the access methods can perform the input/output operations. EOV applies these linkages when the end of a volume of a multivolume data set is reached and performs end-of-data processing. Close closes a data set by restoring the system control blocks to the contents they had before the data set was opened.

The book is divided into the following sections: Introduction, Method of Operation, Program Organization, Directory, Data Areas, and diagnostic Aids. The latter section discusses how to use a set of routines called Problem Determination to find the causes of errors that occur during Open/Close/EOV processing.

The reader is expected to be familiar with OS Data Management, as described in OS/VS Data Management Services Guide, GC26-3783.

Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3828

OS/VS2 DADSM LOGIC

This System Library Supplement provides replacement pages for OS/VS2 DADSM Logic (either SY26-3828-1 for Release 3.7, or SY26-3858-0 for Release 3.7 with VS2.03.808) to support the JES3 3850 MSS Selectable Unit (SU18).
Manual, 8 1/2 x 11 inches, 28 pgs, 3/77

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3831

OS/VS2 BDAM LOGIC

This book describes the internal logic of the Basic Direct Access Method (BDAM) for OS/VS2. It is intended as a reference book for IEM Programming Support Representatives

and system programmers who maintain or alter BDAM routines.

A general knowledge of data management is required for understanding the information in this book. See OS/VS Data Management Services Guide, GC26-3783, for background information on data management.

Manual, 140 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3832

OS/VS2 SAM LOGIC

This manual contains a general description of the Get, Put, Write and associated modules for QSAM, BSAM, and BPAM. SAM executors and appendages are also described.

The manual is intended for use by persons involved in programming support and system programmers who are altering the program design.

The SAM routines used for optical character readers, and magnetic character readers are discussed in separate publications, in the IBM System/360 and System/370

Bibliography, GA22-6822. These are prerequisites for this publication:

- o OS/VS2 Planning Guide, for OS/VS2, GC28-0667.
- o OS/VS Data Management Services Guide, GC26-3783.

Manual, 283 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3833

OS/VS2 ISAM LOGIC

This publication describes the program logic of the two index sequential access methods: the queue indexed sequential access method (QISAM) and the basic indexed sequential access method (BISAM). It also discusses the relationship of indexed sequential access method routines to other parts of the control program.

This publication is intended for personnel supporting or modifying ISAM.

These publications are prerequisite to this publication:

- o OS/VS Data Management Services Guide, GC26-3783
- o OS/VS Data Management Macro Instructions, GC26-3793

Manual, 288 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3834

OS/VS2 VIO LOGIC

This book describes what the VIO processor does and how it operates. It is intended for IBM programming support representatives and system programmers who are learning about, supporting, or modifying the VIO logic. They should be thoroughly familiar with the OS/VS2 environment and with channel programming.

VIO enables system-named temporary data sets to reside in external page storage and to be processed using paging I/O. VIO interprets regular I/O requests and simulates their execution by moving data between a user's buffer and the VIO buffer. VIO uses paging I/O to cause the pages in the VIO buffer to be intermittently paged in or out of main storage as required.

To thoroughly understand the logic involved in VIO processing, this book should be used with either listings, or microfiche of compiled VIO source code.

The following are prerequisite publications:

- o For information about ASM processing in support of VIO, see OS/VS2 Auxiliary Storage Management (ASM) Logic, SY35-0009
- o For an orientation to the OS/VS2 system, see OS/VS2 Planning Guide for Release 2, GC28-0667
- o For information about job management, task management, real storage management (RSM), virtual storage management (VSM), and recovery/termination management (RTM) and their support of VIO processing, see OS/VS2 Scheduler and Supervisor Logic, SY28-0621
- o For information about I/O appendages, see OS/VS2 System Programming Library: Data Management, GC26-3830.

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3836

OS/VS1 BDAM LOGIC

This book describes the internal logic of the Basic Direct Access Method (BDAM). It is intended as a reference book for IBM programming support representatives and system programmers maintaining BDAM routines and for customer system programmers modifying BDAM routines.

A general knowledge of data management and OS/VS is required for understanding the information in this book. See OS/VS Data Management Services Guide, GC26-3783, for background information about data management and OS/VS1 Planning and Use Guide, GC24-5090, for information about OS/VS1.

Manual, 110 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3837

OS/VS1 DADSM LOGIC

This manual provides detailed information about the direct access device space management (DADSM) routines. The DADSM routines allocate and release space on a direct access volume by altering the volume table of contents. This publication describes how these routines operate and how they relate to each other and the system control program OS/VS1; it also describes data set control blocks which make up the volume table of contents.

The intended audience is persons who support the DADSM routines and system programmers who wish to alter the design of these routines. Cross-references to module names and to labels within each module of the DADSM routines are provided, as are descriptions of data areas, and methods of diagnosing DADSM problems.

Prerequisite publications:

- o For how to and reference information on allocating extending and releasing space on direct-access volumes: OS/VS1 JCL Services, GC24-5100, and OS/VS1 JCL Reference, GC24-5099.
- o For reference information on space allocation: OS/VS Data Management Services Guide, GC26-3783.
- o For reference and how-to information on deleting data sets (SCRATCH macro), renaming data sets (RENAME macro), obtaining access to DSCBs (OBTAIN macro) and providing password protection for data sets (PROTECT macro):
- o For general information about the operating system: OS/VS1 Planning and Use Guide, GC24-5090
- o For details about the System Management Facilities (SMF) records: OS/VS System Management Facilities (SMF), GC35-0004
- o For reference and how-to information on using IEHLIST, OS/VS Utilities, GC35-0005

OS/VS1 Data Management for System Programmers, GC26-3837. Drop shipped to major users; minimal supply available at IBM Distribution Center to meet other requirements.

Manual, 147 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3838

OS/VS1 ISAM LOGIC

This publication describes the program logic of the two indexed sequential access methods: the queued indexed sequential access method (QISAM) and the basic indexed sequential access method (BISAM). It also discusses the relationship of indexed sequential access method routines to other parts of the control program.

This publication is intended for personnel supporting or modifying ISAM. These publications are prerequisite to this publication.

- o OS/VS Data Management Services Guide, GC26-3783
- o OS/VS Data Management Macro Instructions, GC26-3793

Manual, 288 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3839

OS/VS1 OPEN/CLOSE/EOV LOGIC

This publication describes the functions (units of processing) and modules (unit of code) of the Open/Close/End-of Volume portion of the operating system. It also describes the relationship of Open/Close/EOV to the portions of the operating system that give control to and receive control from it. Open/Close/EOV modifies system control blocks, and mounts and verifies volumes so that I/O operations can be performed. This publication is divided into seven sections: Introduction, Method of Operation, Program Organization, Module Directory, Data Areas, Diagnostic Aids, and Appendix.

This book uses DCB and ACB as interchangeable blocks. Where it is necessary to refer to both control blocks, they are referred to as DCB/ACB or DCB or ACB. DCB is used as the prefix for all fields within these control blocks (for example, DCBMACRF). The ACB is used by the job entry subsystem (JES) and by the virtual storage access method (VSAM) to logically connect the system program or a user's program to a data set, in the same way that a DCB is used.

Manual, 240 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3840

OS/VS1 SAM LOGIC

The information in this manual is intended for programming support customer engineers and programmers who require specific information about (QSAM) queued sequential access method, (BASAM) basic sequential access method, and (BPAM) basic partitioned access method routines.

A general understanding of data management is prerequisite knowledge for understanding the information in this book. See OS/VS Data Management Services Guide, GC26-3783, for background information on data management.

The manual is organized into six sections: Introduction, Method of Operation, Directory, Data Areas, Program Organization and Flow of Control, and Appendixes.

Manual, 232 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3841

OS/VS1 VIRTUAL STORAGE ACCESS METHOD (VSAM) LOGIC

This book is intended for maintenance personnel and development programmers who require an in-depth knowledge of OS/VS1 VSAM's design, organization, data areas, and diagnostic information.

The book describes the internal logic of the OS/VS1 Virtual Storage Access Method (VSAM) and contains diagnostic information, data area descriptions, and figures and tables that show the relationship between various parts of the program.

OS/VS Virtual Storage Access Method (VSAM) Programmer's Guide, GC26-3838, and OS/VS Access Method Services,

GC26-3836, are prerequisite books.
Manual, 453 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3851

OS/VS ANALYSIS PROGRAM-1 (AP-1) LOGIC

This publication is intended for maintenance personnel and system programmers who require an in-depth knowledge of AP-1 design, organization, and data areas. AP-1 is a program for use with the IBM 3344 and 3350 Direct-Access Storage Devices. The system programmer will need this manual to determine which drive test or data verification test detected an error on the 3344 or 3350.

This publication describes the internal logic of AP-1 and contains module directories and diagnostic information. It should be used with the program listings.

The prerequisite publication is OS/VS and DOS/VS

Analysis Program-1 (AP-1) User's Guide, GC26-3855.

Manual, 3/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3852

DOS/VS ANALYSIS PROGRAM-1 (AP-1) LOGIC

This publication is intended for maintenance personnel and system programmers who require an in-depth knowledge of AP-1 design, organization, and data areas. AP-1 is a program for use with the IBM 3344 and 3350 Direct-Access Storage Devices. The system programmer will need this manual to determine which drive test or data verification test detected an error on the 3344 or 3350.

This publication describes the internal logic of AP-1 and contains module directories and diagnostic information. It should be used with the program listings.

The prerequisite publication is OS/VS Analysis Program-1 (AP-1) User's Guide, GC26-3855.

Manual, 3/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3853

OS/VS2 SVS INDEPENDENT COMPONENT: IBM 3350 & 3340/3344 LOGIC

This publication presents changes made to OS/VS2 Release 1.7 (SVS) components to accommodate an Independent Component which provides support for the IBM 3350 and 3340/3344 Direct Access Storage program number 5742-017). This publication supplements the particular editions of OS/VS SYS1.LOGREC. Error Recording Logic OS/VS1 Release 2 and OS/VS2 Release 1), SY28-0639-1, and OS/VS Utilities Logic (OS/VS1 Release 1), SY35-0005-0, which are obtained by ordering SQ68-0639 and ST75-0005, respectively. This publication is intended for the IBM programming service representative, installation programmer, and others who will maintain installations with this Independent Component.

Manual, 6/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3854

OS/VS2 SVS INDEPENDENT COMPONENT: 3800 PRINTING SUBSYSTEM LOGIC, SCP 5742-017, FEATURES 5081, 5082, 5470, AND 5471

This publication provides supplemental information (not formal TNLs, although the information is presented in TNL-like format) for the various program logic manuals that are changed to support the IBM 3800 Printing Subsystem independent component under Release 1.7 of OS/VS2 SVS. The intended audience is IBM program support representatives, installation programmers, and others involved in maintaining this independent component support.

Manual, 258 pgs, 9/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

LY26-3855

OS/VS2 MVS SAM EXTENDED (SAM-E) LOGIC: DATA MANAGEMENT-EXTENDED (DM-E)

The information in this manual is intended for programming support customer engineers and programmers who require specific information about Queued Sequential Access Method (QSAM), Basic Sequential Access Method (BSAM), and Basic Partitioned Access method (BPAM) routines that use the EXCPVR interface.

A general understanding of data management is prerequisite knowledge for understanding the information in this book. See OS/VS Data Management Services Guide, GC26-3783, for background information on data management.

Manual, 8 1/2 x 11 inches, 40 pgs, 12/77

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY26-3856

OS/VS2 SVS INDEPENDENT COMPONENT: ACCESS METHOD SERVICES LOGIC

This manual provides program logic information for the VSAM utility (Access Method Services) operating under Enhanced VSAM for OS/VS2 SVS. It is primarily for use by systems programmers who need in-depth knowledge of how the utility works and for service personnel to determine if and where software failures have occurred.

Manual, 8-1/2 x 11 inches, 692 pages, 2/77

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3857

OS/VS2 SVS INDEPENDENT COMPONENT: VIRTUAL STORAGE ACCESS METHOD (VSAM) LOGIC

This book provides program logic information for Enhanced VSAM under OS/VS2 Release 1.7 (SVS). It is intended for maintenance personnel and development programmers who require an in-depth knowledge of OS/VS2 SVS VSAM's design, organization, data areas, and diagnostic information.

Manual, 8-1/2 x 11 inches, 684 pages, 1/77

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3859

OS/VS2 VIO LOGIC (COLLATED VERSION)

This book describes what the VIO processor does and how it operates. It is intended for IBM programming support representatives and system programmers who are learning about, supporting or modifying the VIO logic. They should be thoroughly familiar with the OS/VS2 environment and with channel programming.

VIO enables system-named temporary data sets to reside in external page storage and to be processed using paging I/O. VIO interprets regular I/O requests and simulates their execution by moving data between a user's buffer and the VIO buffer. VIO uses paging I/O to cause the pages in the VIO buffer to be intermittently paged in or out of storage as required.

To thoroughly understand the logic involved in VIO processing, this book should be used with either listings, or microfiche of compiled VIO source code.

The following are prerequisite publications:

- o For information about ASM processing in support of VIO, see OS/VS2 Auxiliary Storage Management (ASM) Logic, SY35-0009
- o For an orientation to the OS/VS2 system, see OS/VS2 Planning Guide for Release 2, GC28-0667
- o For information about job management, task management, real storage management (RSM), virtual storage management (VSM), and recovery/termination management (RTM) and their support of VIO processing, see OS/VS2 Scheduler and Supervisor Logic, SY28-0621
- o For information about I/O appendages, see OS/VS2 System Programming Library: Data Management, GC26-3830.

This publication also includes information about the OS/VS2 MVS Supervisor performance #2 Selectable Unit VS2.03.807.

Manual, 120 pages, 8/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3860

OS/VS2 CVOL PROCESSOR LOGIC (COLLATED VERSION)

This book describes the internal logic of the CVOL Processor and provides diagnostic information. This information is directed to maintenance personnel and development programmers who require in-depth knowledge of the design organization and data areas. It is not required for effective use of the CVOL Processor. This publication also includes information about the OS/VS2 MVS Data Management Selectable Unit VS2.03.008.

Manual, 122 pages, 8/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3861

OS/VS2 SVS INDEPENDENT COMPONENT: IBM 3850 MASS STORAGE SYSTEM (MSS) LOGIC

This publication is intended for IBM programming service representatives, installation programmers, and others who maintain OS/VS2 SVS installations that include the independent component supporting the IBM 3850 Mass Storage System.

It describes changes made to the logic of SVS and MSS programs as a result of MSS support by SVS, and consists of twenty independent chapters that document the changes to twenty program logic manuals.

Manual, 12/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3864

SUPPLEMENT FOR SU18 TO MVS DADSM LOGIC:

JES3 R2.1 MSS, 5752-818

This supplement contains replacement pages for DADSM Logic, SY26-3828-1 or SY26-3858-0, to support the JES3 3850 MSS SU.

The JES3 3850 Selectable Unit has two prerequisites:

- OS/VS2 MVS JES3 SUID 5752-812
- OS/VS2 MVS Scheduler/IOS Support SUID 5752-816

Manual, 8 1/2 x 11 inches, 32 pgs, 3/77

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3866

SUPPLEMENT FOR SU6: OS/VS1 OPEN/CLOSE/ECV, 5741-606

This supplement contains replacement pages for OPEN/CLOSE/EOV Logic (SY26-3839-3) to support Subsystem Attachment Support Selectable Unit.

Manual, 8 1/2 x 11 inches, 36 pages, 10/77

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3867

SUPPLEMENT TO SU6: OS/VS1 SUBSYSTEM ATTACH SUPPORT, 5741-606

This supplement contains replacement pages for OS/VS1 SAM

Logic (SY26-3840-2) in support of Selectable Unit 6 (SU6).
Manual, 8 1/2 x 11 inches, 12 pages, 10/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3868

SUPPLEMENT FOR SU32 TO MVS CHECKPOINT/RESTART LOGIC:
SYSTEM SECURITY, 5752-832
This System Library Supplement provides replacement pages for OS/VS2 Checkpoint/Restart Logic, SY26-3820, to support the Resource Access Control Facility (RACF) for RACF-protected tape volumes.
Manual, 8 1/2 x 11 inches, 24 pgs, 5/77
/////5752-832

SY26-3869

SUPPLEMENT FOR SU32 TO MVS DADSM LOGIC:
SYSTEM SECURITY, 5752-832
This System Library Supplement provides replacement pages for OS/VS2 DADSM Logic (either SY26-3828-1 for Release 3.7, or SY26-3858-0 for Release 3.7 with 5752-808) to support the System Security Support Selectable Unit (SU32).
Manual, 8 1/2 x 11 inches, 8 pgs, 5/77
/////5752-832

SY26-3872

OS/VS2 SVS ALTERNATE PATH RECOVERY LOGIC INFORMATION
SUPPORT SUPPLEMENT FOR APAR OY14666
This publication provides information about the PTF alternate path recovery that is intended for use with the program logic manuals for OS/VS2 Release 1.7. The information in this publication is intended for IBM program support representatives, installation programmers, and others involved in maintaining this PTF.
The logic information provided in this manual is presented in a format resembling replacement-page technical newsletters (TNLS). You can either keep the pages bound together in this book, or you can take them apart and insert the pages into the various program logic manuals that they supplement. If you do the latter, ensure that you do not replace any pages that have been changed by any other independent component or update TNL. In such cases, both pages must be kept.
The program logic manuals for which information is supplied are listed below with the form numbers you can use to obtain copies.

- OS/VS2 I/O Supervisor Logic, SY26-3823 (obtained by using order number SQ66-3823)
- OS/VS Recovery Management Support Logic, SY27-7239 (obtained by using order number SQ67-7239)
- OS/VS SYS1.LOGREC Error Recording Logic, SY28-0639 (obtained by using order number SQ68-0639)

Manual, 8 1/2 x 11 inches, 66 pgs, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26-3873

DOS/VS IEBIMAGE AND SETPRT LOGIC
This manual explains the logic of the two programs (IEBIMAGE, SETPRT) which together provide the data needed to control the IBM 3800 Printer. The purpose of this manual is to help the IBM programming service representative (PSR) to isolate a programming failure as quickly as possible. Although this manual is written primarily for the PSR, system programmers and others may also be interested in some of the information presented here.
Manual, 8 1/2 x 11 inches, 72 pgs, 11/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

GY27-7198

IBM SYSTEM/360 OPERATING SYSTEM: MACHINE-CHECK HANDLER
FOR SYSTEM/370 MODELS 155 THRU 168 (LOGIC), P/N 360S-DN-539
This manual describes the internal operations of the Machine-Check Handler (MCH) for the IBM System/370 Models 155 and 165. MCH is a standard component of the MFT and MVT versions of System/360 Operating System when used with the Models 155 and 165.

This manual is written for persons who maintain the program or who are altering the program's design. Its primary purpose is to serve as a guide to the program listings.

Program Logic Manual, 192 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GY27-7228

7074 OS EMULATOR ON MODELS 165/168, PROG 360C-EU-739
(OS/MFT AND OS/MVT), PROG 5744-AK1 (OS/VS1 AND OS/VS2)
This publication provides IBM customer engineers and persons responsible for program maintenance with information about the organization and logic of the IBM 7074 Emulator Program for IBM System/370 Models 165 and 168. The emulator program runs as a problem program under the MFT, MVT, VS1, or VS2 configurations of the operating system. The System/370 Models 165 and 165 II must have IBM Compatibility Feature #7117; the Model 168 must have Feature #7127. The emulator program, together with a compatibility feature, executes object programs written for the IBM 7074 Data Processing System.
Manual, 8 1/2 x 11 inches, 244 pages, 4/73
SLSS - ORDER NO. SUBSCRIPTION ONLY

GY27-7229

7080 OS EMULATOR ON MODELS 165/168: LOGIC, PROG. NOS.
360C-EU-737 (MFT/MVT), 5744-AL1 (VS1/VS2)
This manual describes the internal logic of the IBM 7080 Emulator Program for the IBM System/370 Model 165. The emulator program is a problem program that executes under the MFT and MVT configuration of the IBM System/360 Operating System. The IBM Compatibility Feature #7118 must be installed on the Model 165.

The emulator program executes object programs written for the IBM 7080 Data Processing System. Major topics are the logic of the emulator program; the relationships among the emulator program, the compatibility feature, and the operating system; and the logic of tape formatting programs used in conjunction with the emulator.

This publication is a reference manual for persons responsible for emulator program maintenance. Readers should be experienced with the IBM 7080 Data Processing System and have a working knowledge of the MFT or MVT configuration of the IBM System/360 Operating System. Systems Library, 204 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY27-7230

VIDEO/370 LOGIC MANUAL - PROGRAM NUMBERS 5734-RC5, 5736-RC3
This manual presents the logic of VIDEO/370, which allows direct data entry through the use of IBM 3270 display stations. It describes the functions of VIDEO/370, the routines that perform the functions, and the data areas used by the routines. Information for diagnosing problems with the VIDEO/370 sample program is also included.

This book is intended for use by IBM program service representatives, Field Engineering education, SDC product programmers, DPD system engineers, or customers performing similar functions.
Manual, 224 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

GY27-7237

IBM SYSTEM/360 OPERATING SYSTEM: MACHINE-CHECK HANDLER FOR
SYSTEM/370 MODELS 135 AND 145 (LOGIC), P/N 360S-DN-539
This manual describes the internal operations of the Machine-Check Handler (MCH) for the IBM System/370 Models 135 and 145. MCH is a standard component of the MFT version of the System/360 Operating System when used with the Model 135 or the Model 145.

This manual is written for persons who maintain the program or who are altering the program's design. Its primary purpose is to serve as a guide to the program listings.

Program logic manual, 128 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GY27-7238

7074 OS EMULATOR ON MODELS 155/158 LOGIC
PROG. NOS. 360C-EU-741 (OS); 5744-AJ1 (VS1, VS2)
This manual describes the internal logic of the IBM 7074 Emulator Program for the IBM System/370 Model 155. The emulator program is a problem program that executes under the MFT or MVT configuration of the IBM System/360 Operating System. The IBM Compatibility Feature #7117 must be installed on the Model 155.

This manual describes how the emulator program executes object programs written for the IBM 7074 Data Processing System. Major topics are the logic of the emulator program; the relationship among the emulator programs, the compatibility feature, and the operating system; the logic of the tape formatting programs used in conjunction with the emulator and the logic of the compatibility feature.

This publication is a reference manual for persons responsible for maintenance of the emulator program, tape formatting programs, and compatibility feature. Readers should be experienced with the IBM 7074 Data Processing System and have a working knowledge of the MFT or MVT configuration of the IBM System/360 Operating System.
Manual, 228 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7239

OS/VS RECOVERY MANAGEMENT SUPPORT LOGIC: SVS REL 1.6;
VS1 REL 4, 5

This publication describes three recovery management programs that are part of OS/VS:

- o The Machine-Check Handler, a program that processes machine-check interruptions. Depending on the severity of the malfunction, the Machine-Check Handler (1) restores the system to normal operation, (2) terminates tasks associated with the malfunction so the system can resume processing, or (3) places the system in a wait state. In all cases, the Machine-Check Handler writes diagnostic messages and error records.
- o The Channel-Check Handler, a program that receives control after the detection of a channel data check, channel control check, or interface control check. The Channel-Check Handler analyzes the channel error and provides the results of this analysis to the appropriate error recovery procedure and to the operator and system maintenance personnel.
- o Dynamic Device Reconfiguration, a program that permits a demountable volume to be moved from one device to another and repositioned. This method is

used to bypass I/O errors and avoid abnormally terminating the affected job or reloading the system.

Manual, 164 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7240

OS/VS GRAPHICS ACCESS METHOD LOGIC MANUAL

Describes the internal logic of the Graphics Access Method (GAM) for the IBM 2250 Display Unit, Models 1 and 3, and the IBM 2260 Display Station (Local Attachment). Areas of the program that perform specific functions are identified and related to the program listings.

GAM consists of input/output and control routines that are part of the graphic programming services for the 2250 display unit and the 2260 display station. The GAM routines perform three major functions:

- o Graphic data management (including buffer management)
- o Input/output control
- o Attention handling (both basic and express)

This program logic manual is directed to the IBM customer engineer, who maintains the program, and to the system programmer, who may wish to alter the program design. It should be used in conjunction with, and as a guide to, appropriate program listings. Program logic information is not necessary for program operation and use.

Manual, 104 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7241

OS/VS GRAPHICS PROBLEM-ORIENTED ROUTINES LOGIC

This manual describes the internal logic of the problem oriented routines (PORs) for the IBM 2250 Display Unit, Models 1 and 3. Areas of the program that perform specific functions are identified and related to the program listings.

PORs, which are part of the graphic programming services for the 2250 display unit, are generalized routines that generate graphic orders for displaying various images and alphanumeric information on the 2250 Display Unit. Each POR is described in detail to show its internal structure and logic.

This program logic manual is directed to the IBM customer engineer, who maintains the program, and to the system programmer, who may wish to alter the program design. It should be used in conjunction with, and as a guide to, the appropriate program listings. Program logic information is not necessary for program operation and use.

Manual, 52 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7242

OS/VS GRAPHIC SUBROUTINE PACKAGE (GSP) FOR FORTRAN IV, COBOL AND PL/I LOGIC

This manual describes the internal logic of the graphic subroutine package (GSP), a program that enables a FORTRAN, COBOL, or PL/I programmer to write graphic programs for the IBM 2250 Display Unit under the control of OS/VS. GSP may also be used in an assembler language program.

This program logic manual is directed to the IBM customer engineer, who maintains the program, and to the system programmer, who may wish to alter the program design. It should be used in conjunction with, and as a guide to, the appropriate program listings. Program logic information is not necessary for program operation and use.

Manual, 136 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7243

OS/VS2 IPL AND NIP LOGIC: REL 1.6 ONLY

This publication describes the logic of the IPL (initial program loader) and NIP (nucleus initialization program) support for OS/VS2. The information is intended for use by personnel involved in program maintenance. IPL loads the nucleus designated by the user and prepares the system for initialization. NIP initializes the nucleus and the remainder of real storage in preparation for system execution.

Readers of this publication should be familiar with the following publications:

- o OS/VS Supervisor Services and Macro Instructions, GC27-6979.
- o OS/VS2 Supervisor Logic, SY27-7244.

The following publications may be helpful in understanding IPL and NIP:

- o OS/VS Message Library: VS/2 System Messages GC38-1002.
- o OS/VS Message Library: VS2 System Codes, GC38-1008.
- o Operator's Library: OS/VS2 Reference, GC38-0210.
- o OS/VS2 System Data Areas, SY28-0606.

Manual, 208 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7244

OS/VS2 SUPERVISOR LOGIC (THROUGH RELEASE 1.6 ONLY)

This publication describes the logic of the OS/VS2 supervisor, its relationship to the other portions of the control program, and the interaction between supervisor modules.

The information in this manual is intended for personnel who are responsible for determining sources of error within or making modifications to the VS2 supervisor.

The supervisor support for the communications task and checkpoint/restart are not documented in this publication. The communications task which is documented in OS/VS2 Job Management Logic, SY28-0620; checkpoint/restart logic is documented in OS/VS2 Checkpoint/Restart Logic, SY26-3820.

To understand the information in this publication, you must be familiar with the basic concepts of and services provided by the VS2 supervisor as described in OS/VS Supervisor Services and Macro Instruction, GC27-6979.

Manual, 1,012 pages (2 volumes)

SLSS - ORDER NO. SUBSCRIPTION ONLY

GY27-7245

DOS VERSION 4 BTAM LOGIC, PROG. NO. 370N-CQ-469

This publication describes the internal logic of the Basic Telecommunications Access Method (BTAM) in Version 4 (Release 27) of the Disk Operating System (DOS). It is intended for persons involved in program maintenance and for systems programmers who are altering the program design. It can be used to help locate BTAM application program errors. This publication contains:

- o An overview of BTAM logic
- o A guide to specific BTAM routines by alphabetical name of the routine and by function
- o Routine descriptions and flowcharts

This information is designed to be used with the program listings.

The user should be familiar with how BTAM is used; this is described in the SRL publication, DOS Version 4 Basic Telecommunications Access Method, GC27-6978.

Manual, 436 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7246

OS/VS BTAM LOGIC

This publication describes the internal logic of the Basic Telecommunications Access Method (BTAM). It is intended for use by persons involved in program maintenance and by system programmers who are altering the program design. Program logic information is not necessary for the use and operation of the program; therefore, distribution of this publication is limited to those with maintenance and alteration requirements.

Manual, 339 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7249

DOS/VS QTAM LOGIC MANUAL

This reference publication describes the internal logic of the Queued Telecommunications Access Method (QTAM) under DOS/VS (Disk Operating System with Virtual Storage).

It is intended for persons involved in program maintenance and by systems programmers who are altering the program design. Program logic information is not necessary for the operation of the program; therefore, the distribution of this publication is limited to those with maintenance and alteration requirements.

Manual, 369 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7251

DOS/VS BTAM LOGIC MANUAL

This publication describes the internal logic of the Basic Telecommunications Access Method (BTAM) in DOS/VS (Disk Operating System with Virtual Storage). It is intended for persons involved in program maintenance and for systems programmers who are altering the program design. It can be used to help locate BTAM application program errors. This publication contains:

- o An overview of BTAM logic
- o A guide to specific BTAM routines by alphabetic name of the routine and by function
- o Routine descriptions and flowcharts

This information is designed to be used with the program listings.

The user should be familiar with how BTAM is used; this is described in the SRL publication DOS/VS BTAM, GC27-6989.

Manual, 456 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

GY27-7255

OS/VS2 HASP II VERSION 4 LOGIC MANUAL - PROGRAM NUMBER 370H-TX-001

This manual describes the purpose and function of HASP and its relationship to OS/VS2 Release 1. It does not replace the program listings; it supplements them and makes the information in them more accessible.

This publication contains seven sections:

Section 1 Introduction - describes the general characteristics and functions of HASP II Version 4.

Section 2 Method of Operation - contains HIPO (Hierarchy plus Input-Process-Output) diagrams that describe the operation of HASP II Version 4. The diagrams are high level and are designed to guide the reader to a particular area of the program listing.

Section 3 Program Organization - describes the HASP general program organization and each of the HASP processors.

Section 4 Directory - provides cross-reference lists.

Section 5 Data Areas - contains descriptions of the interrelationship and content of HASP data areas and control blocks.

Section 6 Diagnostic Aids - contains information necessary for interpreting the program listing and diagnosing program failures.

Section 7 Appendix A HASP Programmer Macros - describes HASP macro instructions and their use.

Glossary - defines HASP terms.

Related OS/VS publications are listed in the IBM System/360 and System/370 Bibliography, GA22-6822. Manual, 484 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7256

INTRODUCTION TO VTAM (LEVEL 2) LOGIC: MVS; SVS REL 1.7; VS1 REL 5; WITH SN27-1552, VS1 REL 6; DOS/VS PLANNING ONLY
This publication describes the general way that the Virtual Telecommunications Access Method (VTAM) works, the interfaces that exist between major groups of VTAM routines, and the control blocks that VTAM uses. The VTAM routines are grouped into six major categories: initialization and termination services configuration services; system services; and reliability, availability, and serviceability. This publication is one of a set of publications that describe the logic of VTAM. It describes the high-level logic, which is similar in the DOS/VS, OS/VS1, and OS/VS2 versions of VTAM. The VTAM logic manuals for each system describe the lower-level, system-dependent VTAM logic. This manual is available immediately in Mechanicsburg for planning purposes until VTAM Level 2 is available. Users of this manual for VTAM Level 1.1 should now order by the temporary order number, ST67-7256-1. Manual, 116 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7257

OS/VS1 VTAM LOGIC
This manual is the second part of a two-part description of the logic of the Virtual Telecommunications Access Method (VTAM) for OS/VS1. The first part is the Introduction to VTAM Logic, SY27-7256, which describes the high-level logic. The two manuals are intended primarily for IBM Programming Support Representatives, to enable them to quickly locate failures in the access method. Using OS/VS1 VTAM Logic, the PSR can determine the module that performs a particular function; pertinent information about each module is provided and control flow diagrams show how control passes between modules. The data areas for OS/VS1 VTAM Logic are contained in a separate publication, VTAM Data Areas, SY27-7265. Prerequisite publications: none
Manual, 992 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GY27-7259

7094 OS EMULATOR ON MODELS 165/168: LOGIC, PROG. NOS. 360C-EU-740 (MFT/MVT) & 5744-AM1 (VS1/VS2)
This manual describes the internal logic of the IBM 709/7090/7094 II Emulator Program for the IBM System/370 Model 165. The emulator program is a problem program that executes under the MFT and MVT configurations of the IBM System/360 Operating System. The IBM Compatibility Feature #7119 must be installed on the Model 165. The emulator program executes object programs written for the IBM 709, 7090, 7094, or 7094 II Data Processing System. Major topics are the logic of the emulator program; the relationship among the emulator program, the compatibility feature, and the operating system; and the logic of tape formatting programs used in conjunction with the emulator. This publication is a reference manual for persons responsible for emulator program maintenance. Readers should be experienced with the IBM 709, 7090, 7094, or 7094 II Data Processing System, and have a working knowledge of the MFT or MVT configuration of the IBM System/360 Operating System. Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7260

OS/VS2 GRAPHIC ACCESS METHOD LOGIC
Describes the internal logic of the Graphics Access Method (GAM) for the IBM 2250 Display Unit, Models 1

and 3, and the IEM 2260 Display Station (Local Attachment). Areas of the program that perform specific functions are identified and related to the program listings.

GAM consists of input/output and control routines that are part of the graphic programming services for the 2250 display unit and the 2260 display station. The GAM routines perform three major functions:

- o Graphic data management (including buffer management)
- o Input/Output control
- o Attention handling (both basic and express)

This program logic manual is directed to the IEM customer engineer, who maintains the program, and to the system programmer, who may wish to alter the program design. It should be used in conjunction with, and as a guide to, appropriate program listings. Program logic information is not necessary for program operation and use. Manual, 108 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7262

DOS/VS VTAM LOGIC
This manual is the 2nd part of a 2 part description of the logic of the virtual Telecommunications Access Method (VTAM) for DOS/VS. The 1st part is the Introduction to VTAM Logic, SY27-7256, which describes the high-level logic. The two manuals are intended primarily for IEM programming support representatives to enable them to quickly locate failures in the access method. Using DOS/VS VTAM Logic, the PSR can determine the module that performs a particular function; pertinent information about each module is provided and control flow diagrams show how control passes between modules.

The data area for DOS/VS VTAM Logic are contained in a separate publication, VTAM DATA AREAS, SY27-7263. Manual, 754 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7265

DOS/VS VTAM LEVEL 2 DATA AREAS
This manual contains diagrams of the data areas (control blocks) used in the Virtual Telecommunication Access Method (VTAM) for DOS/VS. These diagrams are used by programming service representatives in diagnosing VTAM Program malfunctions. Manual, 292 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7266

OS/VS1 VTAM DATA AREAS
This manual provides a diagram of each OS/VS1 VTAM data area. Each data area is documented with introductory information, an alphabetical list of fields, an explanation of flags, and a list of constants. Explanations of VTAM components are given with emphasis on the data areas used in the components. The primary users of the manual are IBM PSRs and customer system programmers. Prerequisites: VTAM Concepts and Planning, GC27-6998 Introduction to VTAM Logic, SY27-7256
Manual, 400 pages, 11/75
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7267

OS/VS2 MVS VTAM (LEVEL 2) DATA AREAS
This manual provides a diagram of each OS/VS2 MVS VTAM data area. Each data area is documented with introductory information, an alphabetical list of fields, an explanation of flags, and a list of constants. Explanation of VTAM components are given, with emphasis on the data areas used within components. The primary users of the manual are IBM PSRs and customer system programmers. PREREQUISITES: VTAM Concepts and Planning GC27-6998 OS/VS2 VTAM Logic SY28-0621
Manual, 370 pages, 2/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7269

OS/VS2 MVS VTIOC AND TCAS LOGIC
This publication describes the internal organization and logic of the VTAM terminal L/O coordinator (VTIOC) and the terminal control address space (TCAS). This publication is intended for the IBM programming system representative who is involved in maintaining VTIOC and TCAS, and for the system programmer who is involved in modifying VTIOC or TCAS. Manual, 170 pgs, 5/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7270

DOS/VS VTAM (LEVEL 2) EXECUTION SEQUENCES
This publication shows the sequence of execution of VTAM modules for selected macros and operator commands. It is intended to supplement DOS/VS VTAM Logic, SY27-7262 and DOS/VS VTAM Debugging Guide, GC27-0021. It will be used by persons who maintain and debug VTAM. Prerequisite publication: Introduction to VTAM Logic, SY27-7256. Manual, 50 pages, 11/75
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7271

OS/VS VTAM (LEVEL 2) EXECUTION SEQUENCES

This publication shows the sequence of execution of VTAM modules for selected macros and operator commands. It is intended to supplement OS/VS1 VTAM Logic, SY27-7257, and OS/VS1 VTAM Debugging Guide, GC27-0022. It will be used by persons who maintain and debug VTAM.

Prerequisite publication: Introduction to VTAM Logic, SY27-7256.
Manual, 50 pages, 11/75
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7272

OS/VS2 MVS VTAM (LEVEL 2) EXECUTION SEQUENCE LOGIC

This publication shows the sequence of execution of VTAM modules for selected macros and operator commands. It is intended to supplement OS/VS2 VTAM Logic, SY28-0621 and OS/VS2 VTAM Debugging Guide, GC27-0023. It will be used by persons who maintain and debug VTAM.

Prerequisite publication: Introduction to VTAM Logic, SY27-7256.
Manual, 50 pages, 1/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7276

OS/VS2 SVS VTAM LOGIC

This manual is the second part of a 2 part description of the logic of the Virtual Telecommunications Access Method (VTAM) for SVS. The first part is the Introduction to VTAM Logic, SY27-7256, which describes the logic at a higher level. The two manuals are intended primarily for IBM PSRs, to enable them to quickly locate failures in the access method. Included in this publication are HIPO diagrams describing the logic of the VTAM components, control flow diagrams showing how control is passed between modules, and module information about each VTAM module.

Prerequisites: Introduction to VTAM Logic, SY27-7256
VTAM Concepts and Planning, GC27-6998
Manual, 712 pages, 6/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7277

OS/VS2 SVS VTAM DATA AREAS

This manual provides data maps for OS/VS2 SVS VTAM and is intended to be used in conjunction with OS/VS2 SVS VTAM Logic, SY27-7276.

Included are a list of fields in alphabetical order, a list of flags and masks, and a list of constants for each data area. The primary users of this manual are IBM PSRs and customer system programmers.

Prerequisites: VTAM Concepts and Planning, GC27-6998
and OS/VS2 SVS VTAM Logic, SY27-7276.
Manual, 412 pages, 6/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7278

OS/VS2 SVS VTAM EXECUTION SEQUENCES

This manual provides sample execution sequences of OS/VS2 SVS VTAM modules involved in processing selected VTAM macros and network operator commands. It is intended to supplement OS/VS2 SVS VTAM Logic, SY27-7276, and OS/VS2 SVS VTAM Debugging Guide, GC27-0050. It is to be used by IBM PSRs and system programmers to aid in debugging and maintaining VTAM.

Prerequisite: Introduction to VTAM Logic, SY27-7256-0.
Manual, 6/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY27-8002

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) DATA AREAS, PROG PROD 5735-RC2 (OS/VS)

This manual provides data maps for OS/VS ACF/VTAM. Included are a list of fields by displacement and in alphabetical order, a list of flags and masks, and a list of constants for each data area.

The primary users of this manual are IBM PSRs and customer system programmers.
Prerequisites: ACF/VTAM Concepts and Planning GC38-0282
OS/VS ACF/VTAM Logic LY27-8016
Manual, 8 1/2 x 11 inches, 1100 pgs, 11/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY27-8003

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) DATA AREAS, PROG PROD 5746-RC3 (DOS/VS)

This manual provides data maps for DOS/VS ACF/VTAM. Included are a list of fields by displacement and in alphabetical order, a list of flags and masks, and a list of constants for each data area.

The primary users of this manual are IBM PSRs and customer system programmers.
Prerequisites: ACF/VTAM Concepts and Planning GC38-0282
DOS/VS ACF/VTAM Logic LY27-8018
Manual, 8 1/2 x 11 inches, 1070 pgs, 7/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-8006

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) DEBUGGING GUIDE, PROG PROD 5735-RC2 (OS/VS)

This publication describes an approach to debugging ACF/VTAM in OS/VS. It presents guidelines, tools, and other information that the reader can use as ACF/VTAM debugging aids to help determine the cause of an error or failure. It also summarizes serviceability aids described in other publications and directs the reader to detailed descriptions of these aids.

This manual is intended for IBM program support representatives and system programmers who maintain systems and application programs that use ACF/VTAM. Prerequisite publications for this manual are ACF/VTAM Concepts and Planning, GC38-0282, and ACF/VTAM System Programmer's Guide for OS/VS, SC38-0258.
Manual, 8 1/2 x 11 inches, 220 pgs, 12/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-8007

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) DEBUGGING GUIDE, PROG PROD 5746-RC3 (DOS/VS)

This publication describes an approach to debugging ACF/VTAM in DOS/VS. It presents guidelines, tools, and other information that the reader can use as ACF/VTAM debugging aids to help determine what the cause of an error or failure is. It also summarizes serviceability aids described in other publications and directs the reader to detailed descriptions of these aids.

This manual is intended for IBM program support representatives and system programmers who maintain systems and application programs that use ACF/VTAM. Prerequisite publications for this manual are ACF/VTAM Concepts and Planning, GC38-0282, and ACF/VTAM System Programmer's Guide for DOS/VS, SC38-0268.
Manual, 8 1/2 x 11 inches, 200 pgs, 7/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY27-8009

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), EXECUTION SEQUENCES, PROGRAM NUMBER 5735-RC2 (OS/VS1)

This publication describes sample execution sequences of OS/VS1 ACF/VTAM modules involved in processing selected ACF/VTAM macros and network operator commands. It is intended to supplement ACF/VTAM Logic, LY27-8016 and ACF/VTAM Debugging Guide, SY27-8006.

Manual, 8 1/2 x 11 inches, 100 pages, 6/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY27-8010

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM EXECUTION SEQUENCES (OS/VS2 MVS)

This publication describes sample execution sequences of ACF/VTAM modules involved in processing selected ACF/VTAM macros and network operator commands in an OS/VS2 MVS operating system. It is intended to supplement the publications ACF/VTAM Logic, LY27-8016 and ACF/VTAM Debugging Guide, SY27-8006.

Manual, 8 1/2 x 11 inches, 190 pages, 2/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY27-8012

ACF/VTAM EXECUTION SEQUENCES, SCP 5735-RC2 (OS/VS2 SVS)

This publication describes sample execution sequences of ACF/VTAM Modules involved in processing selected ACF/VTAM Macros and Network operator commands in a S/370 OS/VS2 SVS operating system.

Manual, 7/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY27-8013

ADVANCED COMMUNICATIONS FUNCTIONS FOR VTAM (ACF/VTAM) TOLTEP LOGIC, PROG PROD 5746-RC3 (DOS/VS), 5735-RC2 (OS/VS)

Manual describes the internal logic of the Teleprocessing Online Test Executive Program (TOLTEP). TOLTEP operates as a subtask of ACF/VTAM and is the interface between ACF/VTAM and the online test programs (OLTS) that test the hardware characteristics of various terminals supported by ACF/VTAM. This manual is intended for IBM personnel who are responsible for program maintenance.

Manual, 8 1/2 x 11 inches, 60 pgs, 7/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY27-8014

INTRODUCTION TO ACF/VTAM LOGICPROG PROD 5746-RC3 (DOS/VS), 5735-RC2 (OS/VS)

This publication is one of a set that describes the logic of ACF/VTAM. This publication describes the high-level logic, which is similar in the DOS/VS and the OS/VS versions of ACF/VTAM. This publication should be read before reading the other logic manuals in the set to get a general understanding of ACF/VTAM logic. The ACF/VTAM logic manuals for DOS/VS and for OS/VS describes the lower-level, system-dependent logic. The intended audience is the IBM program support representative who maintain the access method.

This publication contains:

- o An overview of ACF/VTAM operations
- o A chapter describing the most important ACF/VTAM control blocks
- o A chapter for each ACF/VTAM component that

describes the functions performed by the component

- o A list of abbreviations used in the publication

ACF/VTAM Concepts and Planning, GC38-0282, is a prerequisite publication.
Manual, 8 1/2 x 11 inches, 200 pgs, 7/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

overview of ETAM-ES, a list of BTAM-ES routines by name, a list of ETAM-ES routines by function performed, and detailed flowcharts of the logic as well as descriptions of the contents of various control blocks.
Manual, 8 1/2 x 11 inches, 460 pages, 2/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY27-8016

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) LOGIC, PROG PROD 5735-RC2 (OS/VS)
This manual is the second part of a two-part description of the logic of the Advanced Communications Function of the Virtual Telecommunication Access Method (ACF/VTAM) for OS/VS Systems. The first part is the Introduction to ACF/VTAM Logic, which describes the high level logic of ACF/VTAM. This manual describes the lower-level logic, which includes system-dependent logic. This manual is intended primarily to help IBM program systems representatives to quickly locate failures in the access method. The Introduction to ACF/VTAM Logic should be read first to get an understanding of the high-level logic, followed by this manual for more detailed information.

Included in this publication are HIPO diagrams that describe the Logic of ACF/VTAM components, control flow diagrams which show the flow of control between modules, and module synopsis information about each ACF/VTAM module. This information should enable the PSR to determine the module that performs a particular function and how control passes to and from that module.
Manual, 8 1/2 x 11 inches, 800 pgs, 12/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY27-8018

ACF/VTAM LOGIC, PROG PROD 5746-RC3 (DOS/VS)
This manual is the second part of a two-part description of the logic of the Advanced Communications Function of the Virtual Telecommunication Access Method (ACF/VTAM) for DOS/VS. The first part is the Introduction to ACF/VTAM Logic, which describes the high level logic of ACF/VTAM. This manual describes the lower-level logic, which includes system-dependent logic. This manual is intended primarily to help IBM program systems representatives to quickly locate failures in the access method. The introduction to ACF/VTAM Logic should be read first to get an understanding of the high-level logic, followed by this manual for more detailed information.

Included in this publication are HIPO diagrams that describe the logic of ACF/VTAM components, control flow diagrams which show the flow of control between modules, and module synopsis information about each ACF/VTAM module. This information should enable the PSR to determine the module that performs a particular function and how control passes to and from that module.
Manual, 8 1/2 x 11 inches, 800 pgs, 7/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY27-8022

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), MULTISYSTEM NETWORKING FACILITY LOGIC, PROG PROD 5746-RC3 (DOS/VS), 5735-RC2 (OS/VS)
This manual describes the logic of the Multisystem Networking Facility, a feature for ACF/VTAM. This manual supplements ACF/VTAM Logic, LY27-8018 (for DOS/VS) and LY27-8016 (for OS/VS). This manual describes the logic that is unique for the Multisystem Networking Facility, not the logic of ACF/VTAM. This manual is intended primarily to help IBM program systems representatives to locate failures in the Multisystem Networking Facility code. The Introduction to ACF/VTAM Logic, LY27-8014, should be read first to get an understanding of the high-level logic.

This manual contains detailed information which relates the components of the Multisystem Networking Facility to the components of ACF/VTAM, describes the function of each of the Multisystem Networking Facility components, and gives module details which should enable the reader to identify a particular module that performs a certain function.
Manual, 8 1/2 x 11 inches, 148 pgs, 7/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY27-8024

ACF/VTAM ENCRYPT/DECRYPT LOGIC, 5735-RC2
No abstract available.
Manual, 8 1/2 x 11 inches, 84 pages, 1/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY27-8028

ACF/VTAM LOGIC: VTIOC AND TCAS PROGRAM PRODUCT
This manual describes the internal organization and logic of the ACF/VTAM terminal I/O coordinator (VTIOC) and the terminal control address space (TCAS). It is intended for people who are debugging or modifying VTIOC or TCAS.
Manual, 8 1/2 x 11 inches, 200 pages, 1/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY27-8030

BASIC TELECOMMUNICATIONS ACCESS METHOD EXTENDED SUPPORT (BTAM-ES) LOGIC
This manual describes the internal logic of the Basic Telecommunications Access Method Extended Support (BTAM-ES) program product, which works with Disk Operating System/Virtual Storage Extended (DOS/VSE).

GY28-0603

OS/VS MASTER INDEX OF LOGIC
This publication consolidates the indexes of program logic manuals for OS/VS; it applies to both VS1 and VS2.
The master index lists topics alphabetically, and refers to manuals where these topics are discussed. The indexes of these manuals list the same topics and refer to specific pages.
Index, 320 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0605

OS/VS1 SYSTEM DATA AREAS
This publication describes the contents and format of the major control blocks used by more than one component of the OS/VS1 control program. This publication is to be used by IBM software support personnel and by system programmers who require information about the individual fields contained in the system's major control blocks.
Manual, 600 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0612

OS/VS2 JES3 LOGIC
Describes the function and logic of the JES3 component of OS/VS2 MVS Release 3.7 and subsequent releases.
Contains the following six sections to be used by support representatives and system programmers who must service the JES3 system:

- Section 1 - Introduction
- Section 2 - Method of Operation
- Section 3 - Program Organization
- Section 4 - Directory
- Section 5 - Data areas
- Section 6 - Diagnostic Aids

Manual, 8 1/2 x 11 inches, 776 pages, 9/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0620

OS/VS2 JOB MANAGEMENT LOGIC (SVS)
This publication provides the information necessary to trace function and program organization through the job management part of the control program. The intended audience is primarily involved with system maintenance but may possibly be altering system design.

The major functions described are master scheduler initialization, system input/output processing, initiating and terminating tasks, allocating and freeing devices, processing commands, managing work queues, communicating with the system operator and console, recovering from errors, and recording system information.

The program organization necessary to accomplish the functions provided is described, and local data areas, a module directory, an introductory overview of job management, and a section tying message IDs to the issuing and detecting modules, are provided.
Manual, 640 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0621

OS/VS2 MVS VTAM (LEVEL 2) LOGIC
This manual is the second part of a two-part description of the logic of the Virtual Telecommunications Access Method (VTAM) for OS/VS2. The first part is the introduction to VTAM Logic, SY27-7256, which describes the high level logic. The two manuals are intended primarily for IBM Programming Support Representatives, to enable them to quickly locate failures in the access method using OS/VS2 VTAM Logic, the PSR can determine the module that performs a particular function; pertinent information about each module is provided and control flow diagrams show how control passes between modules. The data areas for OS/VS2 VTAM Logic are contained in a separate publication, OS/VS2 DATA AREAS SY27-7267.

Diagnostic aids are contained in OS/VS2 Debugging Guide, GC27-0023; and OS/VS2 VTAM Control Block Overview, GX27-0031.

Manual, 700 pages, 1/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0622

OS/VS2 JES2 LOGIC: VS2 REL 1.6 THROUGH 3.6
This manual describes the purpose and functions of JES2 and its relationship to OS/VS2 Release 2. It does not replace the program listings; it supplements them and makes the information in them more accessible. This publication contains the following sections:

- Section 1 Introduction - describes the general characteristics and functions of JES2.
- Section 2 Method of Operation - contains HIFC (Hierarchy plus Input-Process-Output) diagrams that describe the operation of JES2.

The diagrams are high level and are designed to guide the reader to a particular area of the program listings.

Section 3 Program Organization - describes the JES2 general program organization and each of the JES2 processors.
 Section 4 Directory - provides cross-reference lists.
 Section 5 Data Areas - contains descriptions of the interrelationship and content of data areas and control blocks.
 Section 6 Diagnostic Aids - contains information necessary for interpreting the program listing and diagnosing program failures.
 Section 7 Appendixes:
 A - JES2 Programmer Macros - describes JES 2 macro and their use.
 B - MULTI-LEAVING* - describes the basic principles of MULTI-LEAVING.
 C - Remote Terminal Bootstrap - describes the RTPBOOT bootstrap program.
 D - External Writer - describes the External Writer program which is used for producing SYSOUT data sets on magnetic tape or direct-access devices.

Manual, 828 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0623

OS/VS2 SYSTEM INITIALIZATION LOGIC REL 2, 3, 3.6; WITH SN28-2617, REL 3.7
 This publication describes the functions and internal logic of the system initialization process for the OS/VS2 Release 2 System. This publication is intended for the IBM programming systems representative who is involved in modifying system initialization programs.
 Systems publication, 260 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0626

OS/VS2 SCHEDULER AND SUPERVISOR LOGIC VOLUME 3 OF 3
 This publication documents the internal logic of the following scheduler and supervisor functions:

- o Communications Task
- o Command Processing (including Reconfiguration Commands)
- o LOGON Scheduling
- o System Resources Manager
- o System Activity Measurement Facility (MF/1)
- o Region Control Task
- o Started Task Control (including START/LOGON/MOUNT)
- o Job Scheduler:
 - Subsystem Interface
 - Master Subsystem
 - Initiator/Terminator
 - SWA Create Interface
 - Converter/Interpreter
 - SWA Manager
 - Allocation Unallocation
 - System Management Facilities (SMF)
 - System Log
 - Checkpoint/Restart
- o Timer Supervision
- o Supervisor Control
- o Task Management
- o Program Management
- o Real Storage Management
- o Virtual Storage Management
- o Recovery/Termination Management (R/TM)

To order Scheduler and Supervisor Logic Volumes 1,2, and 3
 Manual, 692 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0635

OS/VS1 SERVICE AIDS LOGIC
 This publication describes the functions and internal logic of eight service aid programs provided for use in servicing OS/VS1. These service aid programs are: Generalized Trace Facility, HMAPTFLE, HMASPZAP, HMBLIST, HMDPRDMP, HMDSADMP, IMCJOBQD, IMCOSJQD.
 This publication is intended for the IBM programming systems representative who is involved in maintaining service aid programs. This publication should be used in conjunction with OS/VS1 Service Aids, GC28-0665.
 Systems Publication
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0643

OS/VS2 SERVICE AIDS LOGIC
 This publication describes the functions and internal logic of the service aid programs provided for use in servicing OS/VS2. The service aid programs are: Generalized Trace Facility, AMBLIST, AMDPRDMP, AMAPTFLE, AMDSADMP, and AMASPZAP.
 This publication is intended for the IBM programming systems representative who is involved in maintaining service aid programs. This publication should be used in conjunction with OS/VS2 Service Aids, GC28-0674, which tells how to use the service aid programs.
 Manual, 408 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0650

OS/VS2 TSO TERMINAL MONITOR PROGRAM & SERVICE ROUTINES LOGIC
 This publication describes the internal logic of the TSO terminal monitor program (TMP) and the following service routines: STACK, GETLINE, PUTLINE, PUTGET, Command Scan, Parse, Dynamic Allocation Interface Routine (DAIR), Default, Catalog Information, and the DAIR/SVC99 Error Code Analyzer. This manual applies to OS/VS2 Release 3.7 and subsequent releases until otherwise indicated, and contains information that applies to the following selectable units:
 Supervisor Performance #2 (VS2.03.807)
 TSO/VTAM Level 1 (VS2.03.813)
 TSO/VTAM Level 2 (5752-858)
 The TMP accepts commands from the terminal and gives control to the TSO Command Processors named by the commands. The TSO service routines perform common functions needed by both the TMP and the command processors.
 This publication is written for persons who maintain or modify TSO; it is not necessary for persons who use TSO to process programs or who write programs that are processed by TSO.
 Manual, 8 1/2 x 11 inches, 116 pages, 6/78
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0651

OS/VS2 TSO COMMAND PROCESSOR LOGIC VOLUME I: ACCOUNT
 This publication describes the internal logic of the programs that handle the ACCOUNT command and its ADD, CHANGE, DELETE, LIST, and SYNC subcommands. It also describes the internal logic of the ACCUMI subroutines and the ACCOUNT BROADCAST interface.
 The command processors are described with method of operation diagrams and supporting text. Directories for routines are provided.
 This manual is intended for persons involved in program debugging; it is not intended for normal use or operation of the programs described.
 Manual, 542 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0652

OS/VS2 TSO COMMAND PROCESSOR LOGIC VOLUME IV REL 3; WITH SN28-2630, REL 3.7)
 This publication describes the internal logic of the programs that handle the following TSO commands:

ALLOCATE	LISTDS
ATTRIB	OPERATOR
CALL	OUTPUT
CANCEL/STATUS	PROFILE
DELETE	PROTECT
EXEC	RENAME
FREE	RUN
HELP	SEND
LINK/LCADGO	SUBMIT
LISTALC	TERMINAL
LISTBC	TIME

The manual is intended for persons involved in program debugging, or systems programmers who are altering the design; it is not necessary for normal use or operation of the programs described.
 Manual, 380 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0653

OS/VS2 TSO ENHANCEMENTS NO. 2 LOGIC
 This publication describes the logic that supports TSO Enhancements No. 2. Only logic changes resulting from enhancements are documented in this publication. The logic documentation of the following TSO command processors and facilities are changes: ACCOUNT
 EDIT
 EXEC
 PROFILE
 I/O Service Routines
 Systems Publication, 88 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0655

OS/VS2 TSO SUPPORT FOR VS BASIC LOGIC: REL 1.6, 1.7
 This publication describes the logic that supports VSBASIC or an equivalent in the TSO command processors. Only changes resulting from VSBASIC are documented in this publication.
 This publication is intended for persons involved in program debugging, or system programmers who are altering the program design; it is not intended for normal use of the commands described.
 Manual
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0659

OS/VS2 TSO ENHANCEMENTS LOGIC
 This publication describes the internal logic that supports Program Number 5742-010, Feature Number 5005. The logic of the following commands and routines is affected:

ALLOCATE
Dynamic Allocation
EDIT
OPERATOR
Parse routine
PROFILE
RUN

SEND
The information in this publication supplements the information in the following prerequisite publications:

OS/VS2 TSO:

Command Processor Logic, Vol. I, Order No. SY28-0651
Command Processor Logic, Vol. II, Order No. SY33-8548
Command Processor Logic, Vol. IV, Order No. SY33-0652
Terminal Monitor Program and Service Routines Logic, Order No. SY28-0650

This publication is intended for persons involved in program maintenance, or system programmers who are altering the program design; it is not intended for normal use of operation of the programs described.

Only changes resulting from the enhancements are documented. For complete logic documentation of the subject commands and routines, consult the appropriate prerequisite publications.

Manual, 62 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0660

OS/VS1 RES ACCOUNT FACILITY LOGIC

The OS/VS1 Remote Entry Services (RES) Account Facility provides background users the ability to update the user attribute data set (SYS1.UADS) and the broadcast data set (SYS1.BROADCAST) from a remote work station other than a conversational terminal.

This publication describes the internal logic of the Account Facility whose routines establish and administer the background environment for batch, or non-interactive, users of the OS/VS1 RES ACCOUNT command processor.

This publication is for people who maintain or modify the routines in the Account Facility; it is not necessary for people who wish to use the facility to update the UADS or Broadcast Data Set. For that type of explanatory information, refer to the OS/VS1 RES System Programmers' Guide.

Systems Publication, 384 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0662

OS/VS1 OLTEP LOGIC

This publication describes the functions and internal logic of the Online Test Executive Program (OLTEP) which performs online testing of input/output devices under control of OS/VS1.

This publication is intended for the IBM programming systems representative who is responsible for program maintenance. It can be used to supply an overview of OLTEP logic or to locate specific areas of the program and to relate them to the corresponding program listings.

Prerequisite information is contained in OS/VS1 OLTEP, GC28-0666, which tells how to use OLTEP to test input/output devices. For information on OLTEP messages refer to: OS/VS Message Library: Service Aids and OLTEP Messages, GC38-1006.

Systems Publication

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0664

DOS/VS AND OS/VS TOLTEP LOGIC

This seven section program logic manual describes the internal logic of the Teleprocessing Online Test Executive Program (TOLTEP). TOLTEP operates as a subtask of VTAM and is the interface between VTAM and the online test programs (OLTS) that test the hardware characteristics of various terminals supported by VTAM that use the basic mode of data transfer. Information in this manual is intended for IBM representatives who are responsible for program maintenance.

Manual, 100 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0669

OS/VS1, SYS1.LOGREC ERROR RECORDING LOGIC

This publication describes the internal logic and organization of SYS1.LOGREC Error Recording under the OS/VS1 system control program. This publication is intended for the IBM programming systems representative and installation programmer involved in maintaining or using the SYS1.LOGREC data set.

This publication should be used in conjunction with OS/VS1 SYS1.LOGREC Error Recording, GC28-0668, which tells how to use the IFCDIP00 and IFCEREP0 service aid programs.

Publication, 148 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0676

OS/VS2 OLTEP LOGIC

This publication describes the functions and internal logic of the Online Test Executive Program (OLTEP) which performs online testing of input/output devices under control of OS/VS.

This publication is intended for the IBM programming systems representative who is responsible for program maintenance. It can be used to supply an overview of OLTEP logic or to locate specific areas of the program and to relate them to the corresponding program listings.

Prerequisite information is contained in OS/VS2 System Programming Library: OLTEP, GC28-0675-0, which tells how to use OLTEP to test input/output devices. For information on OLTEP messages refer to: OS/VS Message Library: Service Aids

and OLTEP Messages, GC38-1006.

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0678

OS/VS2 SYS1.LOGREC ERROR RECORDING LOGIC

This publication describes the internal logic and organization of SYS1.LOGREC Error Recording under the OS/VS2 system control program. This publication is intended for the IBM programming systems representative and installation programmer involved in maintaining or using the SYS1.LOGREC data set.

This publication should be used in conjunction with OS/VS2 System Programming Library: SYS1.LOGREC Error Recording, GC28-0677, which tell how to use the IFCDIP00 and IFCEREP0 service aid programs.

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0679

OS/VS2 DYNAMIC SUPPORT SYSTEM LOGIC

Provides an introduction to the Dynamic Support System (DSS) Logic to guide the IBM programming system representative and system programmers who need to debug DSS.

DSS is a debugging tool used to diagnose and temporarily repair OS/VS in the field. DSS operates as a standalone system that can stop OS/VS operation for problem diagnosis or repair, or allow OS/VS to run in a monitored condition, so that DSS gains control when program events occur or when execution reaches a specified breakpoint.

The only prerequisite publication for using this publication is the OS/VS Dynamic Support System, GC28-0640. The reader should also have a working knowledge of the internal logic of OS/VS.

Manual, 176 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0685

OS/VS SYSTEM MODIFICATION PROGRAM (SMP) ICGIC

This publication contains information about internal logic of the System Modification Program (SMP). This information is intended for use by IEM personnel and system programmers responsible for changing and redesigning the installation's operating system. The reader should be experienced in using and modifying VS operating systems.

This document contains the internal logic that includes the method of operation diagrams, the module directory, the program organization, the data areas, and the diagnostic aids.

Manual, 64 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0687

OS/VS POWER WARNING FEATURE (PWF) SUPPORT ICGIC-ICR GUIDE

This publication introduces and provides the information necessary for those who must maintain the Power Warning Feature Support.

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0713

OS/VS2 SYSTEM LOGIC LIBRARY - VOLUME 1 OF 7

This group of publications documents the internal logic of the following components: scheduler, supervisor, MF/1, SRM, and real, virtual, and auxiliary storage management.

Volume 1 contents:

MVS logic introduction

Abbreviation list

Index for all volumes

To order the System Logic Library Volumes 1-7 (in order, SY28-0713-0, SY28-0714-0, SY28-0715-0, SY28-0716-0, SY28-0717-0, SY28-0718-0, SY28-0719-0) order under form number SBOF-8210.

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0714

OS/VS2 SYSTEM LOGIC LIBRARY - VOLUME 2 OF 7

This group of publications documents the internal logic of the following components: scheduler, supervisor, MF/1, SRM, and real, virtual, and auxiliary storage management.

Volume 2 contents:

Method of Operation diagrams for

Communications Task

Command Processing

Region Control Task (RCT)

Started Task Control (STC)

LOGON Scheduling

To order the System Logic Library Volumes 1-7 (in order, SY28-0713-0, SY28-0714-0, SY28-0715-0, SY28-0716-0, SY28-0717-0, SY28-0718-0, SY28-0719-0) order under form number SBOF-8210.

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0715

OS/VS2 SYSTEM LOGIC LIBRARY - VOLUME 3 OF 7

This group of publications documents the internal logic of the following components: scheduler, supervisor, MF/1, SRM, and real, virtual, and auxiliary storage management.

Volume 3 contents:

Method of Operation diagrams for
System Resources Manager (SRM)
System Activity Measurement Activity (MF/1)
Job Scheduling
Subsystem Interface
Master Subsystem
Initiator/Terminator
SWA Create Interface
Converter/Interpreter
SWA Manager
Allocation/Unallocation
System Management Facilities (SMF)
System Log
Checkpoint/Restart

To order the System Logic Library Volumes 1-7 (in order,
SY28-0713-0, SY28-0714-0, SY28-0715-0, SY28-0716-0,
SY28-0717-0, SY28-0718-0, SY28-0719-0) order under form
number SBOF-8210.

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0716

OS/VS2 SYSTEM LOGIC LIBRARY - VOLUME 4 OF 7

This group of publications documents the internal logic of
the following components: scheduler, supervisor, MF/1, SRM,
and real, virtual, and auxiliary storage management.

Volume 4 contents:

Method of Operation diagrams for
Timer Supervision
Supervisor Control
Task Management
Program Management
Recovery/Termination Management (R/TM)

To order the System Logic Library Volumes 1-7 (in order,
SY28-0713-0, SY28-0714-0, SY28-0715-0, SY28-0716-0,
SY28-0717-0, SY28-0718-0, SY28-0719-0) order under form
number SBOF-8210.

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0717

OS/VS2 SYSTEM LOGIC LIBRARY - VOLUME 5 OF 7

This group of publications documents the internal logic of
the following components: scheduler, supervisor, MF/1, SRM,
and real, virtual and auxiliary storage management.

Volume 5 contents:

Method of Operation diagrams for
Real Storage Management (RSM)
Virtual Storage Management (VSM)
Auxiliary Storage Management (ASM)

To order the System Logic Library Volumes 1-7 (in order,
SY28-0713-0, SY28-0714-0, SY28-0715-0, SY28-0716-0,
SY28-0717-0, SY28-0718-0, SY28-0719-0) order under form
number SBOF-8210.

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0718

OS/VS2 SYSTEM LOGIC LIBRARY - VOLUME 6 OF 7

This group of publications documents the internal logic of
the following components: scheduler, supervisor, MF/1, SRM,
and real, virtual, and auxiliary storage management.

Volume 6 contents:

Program Organization

To order the System Logic Library Volumes 1-7 (in order,
SY28-0713-0, SY28-0714-0, SY28-0715-0, SY28-0716-0,
SY28-0717-0, SY28-0718-0, SY28-0719-0) order under form
number SBOF-8210.

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0719

OS/VS2 SYSTEM LOGIC LIBRARY - VOLUME 7 OF 7

This group of publications documents the internal logic of
the following components: scheduler, supervisor, MF/1, SRM,
and real, virtual and auxiliary storage management.

Volume 7 contents:

Directory
Data Areas
Diagnostic Aids

To order the System Logic Library Volumes 1-7 (in order,
SY28-0713-0, SY28-0714-0, SY28-0715-0, SY28-0716-0,
SY28-0717-0, SY28-0718-0, SY28-0719-0) order under form
number SBOF-8210.

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

LY28-0730

OS/VS2 MVS RACF LOGIC MANUAL, PROG PROD 5740-XXH

This publication describes the internal logic of the subject
program product. This information is intended for the IBM
program systems representative who is responsible for
program maintenance or the installation systems programmer
who is responsible for installation, and modification of
RACF.

This publication, when used with the program listing,
enables the user to understand the internal operation of
RACF and to make corrections if necessary. The publication
does not replace the program listings; it supplements them
and makes the information in them more accessible.
Manual, 360 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-0739

OS/VS2 MVS RESOURCE MEASUREMENT FACILITY (RMF) LOGIC -
PROG PROD 5740-XXM

This publication is intended for system programmers and
software maintenance personnel involved with the
installation, enhancement, and maintenance of software
programs in a computer system.

Its purpose is to provide information about RMFs:

- o internal logic
- o operational characteristics
- o input requirements
- o output results

This publication also provides information useful in
debugging and diagnosing errors in RMF operation.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-0749

OS/VS2 MVS TSO COMMAND PACKAGE, LIC PROG 5740-XT6,
5740-XE1, LOGIC

This publication describes the program logic of the TSO
Command Package Program Product. This publication is
intended for persons who are debugging or modifying the TSO
Command Package. The TSO Command Package provides function
to TSO under OS/VS2 MVS through support for: enhanced
ability to execute commands in the background; a new EDIT
data set recovery mechanism; and, new EDIT subcommands and
operands.

With the MVS/System Extensions Release 2 (Program Number
5740-XE1) installed with this program product several of the
previously documented modules have been moved into the base
system. (All deleted information has been placed in the
base system publications.) Additional function has been
provided in the DISPLAY and LOGON subcommand/command.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY28-0773

OS/VS ENVIRONMENTAL RECORDING EDITING AND PRINTING (EREP)
PROGRAM LOGIC, SUID 5741-601, 5752-827, ICR 5742

The OS/VS Environmental Recording Editing and Printing
(EREP) Program Logic Supports Releases 4 and 6 of OS/VS1,
Release 1.7 of OS/VS2 (SVS) and Releases 3.0, 3.6 and 3.7 of
OS/VS2 (MVS).

This publication is intended for the IEM programming
service representative, installation programmer, and others
involved in maintaining or using the SYS1.LOGREC and/or
Accumulation data sets.

The internal logic and organization of the IFCEREP1
service aid, which prints records from the SYS1.LOGREC
and/or Accumulation data sets for diagnostic purposes, is
described.

Manual, 168 pages, 12/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0859

SUPPLEMENT FOR SU33 TO OS/VS EREP LOGIC:
MVS DUMPING IMPROVEMENTS, 5752-833

This supplement contains replacement pages for OS/VS
Environmental Recording Editing and Printing (EREP),
SY28-0773-0, Program Logic to support dumping improvements.

Dumping improvements has three prerequisites:

- Supervisor Performance # 1 SUID 5752-805
- Supervisor Performance # 2 SUID 5752-807
- Service Data Improvements SUID 5752-817

Manual, 8 1/2 x 11 inches, 44 pages, 3/77

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0880

SUPPLEMENT FOR SU47: MVS ATTACHED PROCESSOR SYSTEM FOR
MODELS 158/168, 5752-847

This publication is intended for the IBM programming service
representative, installation programmer, and others involved
in using EREP.

Support for Attached Processor System for Models 158/168
has been added to IFCEREP1 modules.

This publication supports OS/VS Environmental Recording
Editing and Printing Program Logic SV28-0773-01.

Manual, 8 1/2 x 11 inches, 44 pages, 3/77

/////5752-847

LY28-0913

OS/VS2 MVS TSO 3270 EXTENDED DISPLAY SUPPORT
SESSION MANAGER LOGIC, LIC PROG 5740-XE2

This is the logic manual for the TSO Session Manager Program
Product. It should enable IBM customers' system programmers
or Field Engineering to obtain a conceptual level of
understanding of the internal process of this program
product. It will also identify the main processing
functions to enable system programmers to identify
associated modules. The system programmer will then be able
to review the modules providing the function.

Manual, 8 1/2 x 11 inches, 120 pages, 7/77

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-0923

OS/VS2 MVS RESOURCE MEASUREMENT FACILITY (RMF)
VERSION 2 LOGIC, PROG PROD 5740-XY4

This publication describes the internal logic of Version 2 of the subject program product. This information is intended for the IBM program systems representative who is responsible for program maintenance or the installation systems programmer who is responsible for the installation, modification, and maintenance of RMF.

This publication, when used with the program listings, enables the user to understand the internal operation of RMF Version 2. The publication does not replace the program listings; it supplements them and makes the information in them more accessible.

Manual, 8 1/2 x 11 inches, 394 pgs, 5/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY28-0930

SUPPLEMENT FOR SU29 TO MVS VOL 1 LOGIC: 3838 VPSS, 5752-829

This supplement contains updates to the Master Index for 3838 Vector Processing Subsystem Support.

Manual, 60 pgs., 8/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0931

SUPPLEMENT FOR SU29 TO MVS VOL 2 LOGIC: 3838 VPSS, 5752-829

This supplement contains updates to Started Task Control for 3838 Vector Processing Subsystem Support (SU29).

Manual, 8 1/2 x 11 inches, 4 pgs, 8/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0932

SUPPLEMENT FOR SU29 TO MVS VOL 3 LOGIC: 3838 VPSS, 5752-829

This supplement contains updates to the Job Scheduler for 3838 Vector Processing Subsystem Support. (SU29)

Manual, 8 1/2 x 11 inches, 40 pgs, 8/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0933

SUPPLEMENT FOR SU29 TO MVS VOL 6 LOGIC: 3838 VPSS, 5752-829

This supplement contains updates to the flow diagrams and module descriptions for 3838 Vector Processing Subsystem Support (SU29).

Manual, 8 1/2 x 11 inches, 16 pgs, 8/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0934

SUPPLEMENT FOR SU29 TO MVS VOL 7 LOGIC: 3838 VPSS, 5752-829

This supplement contains updates to the Data Areas and Diagnostic Aids sections for 3838 Vector Processing Subsystem Support (SU29).

Manual, 8 1/2 x 11 inches, 16 pgs, 8/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY28-0955

OS/VS2 SVS PROCESSOR SUPPORT LOGIC INFORMATION

This publication documents the following changes to SVS in support of the Processor Support ICR (UY99951):

- 3031, 3032, and 3033 Processor Support
- 3036 Display Console Support
- Channel Recovery
- and EREP changes.

Manual, 8 1/2 x 11 inches, 70 pages, 2/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY28-0958

OS/VS2 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY LOGIC,
LIC PROG 5740-XY5

This publication describes the internal logic and organization of the Programmed Cryptographic Facility for OS/VS2 MVS. This information is intended for the IBM program system representative who is responsible for program maintenance and for the installation's system programmer who is responsible for the installation, modification, and maintenance of the Programmed Cryptographic Facility.

Manual, 8 1/2 x 11 inches, 150 pages, 2/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-0986

OS/VS1 PROGRAMMED CRYPTOGRAPHIC FACILITY PROGRAM
LOGIC MANUAL

This System/370 publication describes the internal logic and organization of the Programmed Cryptographic Facility for OS/VS1. This information is intended for the IBM program system representative who is responsible for program maintenance and for the installation's system programmer who is responsible for the installation, modification, and maintenance of the programmed Cryptographic Facility.

Manual, 8 1/2 x 11 inches, 164 pages, 6/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GY28-2009

IBM TIME SHARING SYSTEM -- SYSTEM LOGIC SUMMARY

This publication describes the logic of the IBM Time Sharing System (TSS). The emphasis is on describing the interrelationship of system components in performing system functions. Where an individual component is described, only the highest level of logic is discussed. This program logic

manual is directed to the person who is responsible for program maintenance. It can be used to determine the interrelationship among the various areas of the system, and it enables the reader to relate these areas to the corresponding program listings.
Systems Reference Library Manual, 311 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY28-6403

FORTRAN IV (H EXTENDED) COMPILER FOR OS AND VM/370 (CMS),
LOGIC - PROG PROD 5734-FO3

Describes the internal design of the FORTRAN IV (H Extended) compiler program. It is intended for use by personnel involved in program maintenance. Program logic information is not necessary for the use and operation of the FORTRAN IV (H Extended) compiler.

Manual, 8 1/2 x 11 inches, 660 pgs
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6406

OS (TSO) CCECL PROMPTER LOGIC, PROG PROD 5734-CP1

Describes the internal logic of the COBOL Prompter program product. It is intended for programmers who are responsible for program maintenance or by system programmers who must alter the program design. It is not needed for normal use or operation of the subject program product.

Manual, 86 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6407

IBM SYSTEM/360 OPERATING SYSTEMFULL AMERICAN NATIONAL STANDARD COBOL COMPILER AND LIBRARY,
VERSION 3 PROGRAM LOGIC MANUAL, PROGRAM NUMBER 5734-CE1

This publication describes the internal design of the IBM System/360 Operating System Full American National Standard COBOL, X3.23-1968 Compiler and Library, Version 3. Program logic manuals are intended for persons involved in program maintenance, or for system programmers who are altering the program design for installations that require a special purpose COBOL compiler. It is not needed for normal use or operation of the compiler described.

Manual, 8-1/2 x 11, 400 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6408

FORTRAN IV LIBRARY (MOD I) FOR OS & VM/370 (CMS):
PROGRAM LOGIC MANUAL, PROGRAM NUMBER 5734-LM1

This document describes the internal design of the IBM System/360 Operating System FORTRAN IV Library (Model 1), a program product.

The modules of the Model 1 library are designed to be combined as needed with the object code produced by the Code and Go FORTRAN or FORTRAN IV (GI) compilers to form executable load modules.

This document is intended for use by persons involved in program maintenance. Program logic information is not necessary for the use and operation of the Model 1 library.

Distribution of this document is limited to licensees of the IBM program product it describes.

Program Logic Manual, 154 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6409

FORTRAN IV LIBRARY (MOD II) FOR OS AND VM/370 (CMS) LOGIC,
PROG PROD 5734-LM3

Describes the internal design of the FORTRAN IV Library (Mod II), a program product. This manual is intended for OS and VM/370 personnel involved in program maintenance and for systems programmers who are altering program design. It is not necessary for the use and operation of the FORTRAN Mod II Library.

Manual, 174 pgs
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6412

DOS FULL ANS COMPILER VERSION 3, LOGIC, PROG PROD 5736-CE2

Describes the internal design of the DOS Full American National Standard COBOL Compiler, Version 3. It is intended for use by persons involved in program maintenance and by system programmers involved in altering the program design for installations requiring such alteration. This publication supplements the compiler listing and its comments, but is not a substitute for them.

Effective use of this manual requires an understanding of IBM System/360 or System/370 operation and of the IBM DCS service programs and macro instructions. Knowledge of both IBM Full American National Standard COBOL and the IBM Assembler Language is a prerequisite. Reference publications for this information are listed in the preface of this manual.

Manual, 532 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6413

DOS FULL ANS COBOL SUBROUTINE LIBRARY VER 3, LOGIC,
PROG PROD 5736-LM2

Describes the object-time subroutine library used by the DOS Full American National Standard COBOL Compiler, Version 3. It is intended for use by persons involved in library maintenance and by system programmers involved in altering

the library for installations requiring such alteration. This publication supplements the subroutine listings and their comments, but it is not a substitute for them.

Effective use of this manual requires an understanding of IBM System/360 and System/370 operation and of the DOS service programs and macro instructions as well as the DOS Full American National Standard COBOL Compiler, Version 3. Knowledge of both American National Standard COBOL and the IBM Assembler Language is a prerequisite. Reference publications for this information are listed in the Preface of this manual.

Manual, 168 pgs
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6414

DOS SUBSET ANS COBOL COMPILER AND LIBRARY LOGIC
PROG PROD 5736-CB1

Describes the internal logic of the DOS Subset American National Standard COBOL compiler and object time library subroutines. It is intended for use by persons responsible for program maintenance, and for systems programmers who must alter program design.

Manual, 876 pgs
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6415

SYSTEM/360 OS FORTRAN IV (H EXTENDED PLUS) COMPILER AND
LIBRARY, PRPG LOGIC SUPPLEMENT, PROG 5799-AAW

Supplements the IBM FORTRAN IV (H Extended) Compiler for OS and VM/370 (CMS) Program Logic manual, Order No. LY28-6403. Together these publications provide OS and VM/370 personnel and other technical personnel with information describing the internal organization and operation of the FORTRAN IV (H Extended Plus) compiler. Program logic information is not necessary for the operation and use of the compiler.

Manual, 108 pgs
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6419

OS FULL ANS COBOL SUBROUTINE LIBRARY VERSION 4
LOGIC, PROG PROD 5734-LM2

Describes the internal design or logic of the subject program. This manual is intended for persons involved in program maintenance and for system programmers who are altering the program design. Program logic information is not necessary for the operation of the program.

Manual, 252 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6420

OS FULL ANS COBOL COMPILER VERS 4 LOGIC, PROG PROD 5734-CB2

Describes the internal design or logic of the subject program. This manual is intended for persons involved in program maintenance and for system programmers who are altering the program design. Program logic information is not necessary for the operation of the program.

Manual, 540 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6422

SYSTEM/370 VS BASIC: PROGRAM LOGIC, PROG. PROD. 5748-XX1
This publication is intended for use by programming support representatives and system programmers with responsibility for maintaining the VS BASIC program product. Each module is described as are the control blocks. Functions are summarized visually in method of operation diagrams.

Prerequisite to understanding the VS BASIC logic is a knowledge of the language and of the operating system. See VS BASIC Language, GC28-8303, and the appropriate terminal user's guide: VS BASIC TSO Terminal User's Guide, SC28-8304, VS BASIC CMS Terminal User's Guide, SC28-8306, VS BASIC for VSPC: Terminal User's Guide, and VS BASIC OS/VS and DOS/VS Programmer's Guide, SC28-8308.

If VS BASIC is running interactively under TSO, CMS, or VSPC, the logic of the subsystem/program product should also be understood first.

Manual, 187 pages, 3/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6423

IBM DOS/VS COBOL COMPILER PROGRAM LOGIC - PROGRAM NUMBER
5746-CB1

This publication describes the internal design of the IBM DOS/VS COBOL Compiler. It is intended for use by persons involved in program support and by system programmers involved in altering the program design for installations requiring such alteration. This publication supplements the compiler listing and its comments, but is not a substitute for them.

Effective use of this manual requires an understanding of the IBM Operating System and of the IBM DOS/VS service programs and macro instructions. Knowledge of both IBM DOS/VS COBOL and the IBM Assembler Language is a prerequisite. Reference publications for this information are listed in the preface of this manual.

Manual, 542 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6424

IBM DOS/VS COBOL SUBROUTINE LIBRARY PROGRAM LOGIC - PROGRAM
NUMBER 5746-LM4

This publication describes the object-time subroutine library used by the IBM DCS/VS COBOL Compiler. It is intended for use by persons involved in library maintenance and by system programmers involved in altering the library for installations requiring such alteration. This publication supplements the subroutine listings and their comments, but it is not a substitute for them.

Effective use of this manual requires an understanding of the IBM operating system and the DOS/VS Operating System service programs and macro instructions, as well as the IBM DOS/VS COBOL Compiler. Knowledge of both DOS/VS COBOL and IBM Assembler Language is a prerequisite. Reference publications for this information are listed in the preface of this manual.

Manual, 192 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6425

OS/VS COBOL SUBROUTINE LIBRARY LOGIC, PROG PROD 5740-IM1

Describes the internal design of the IBM OS/VS COBOL library. The manual is intended for use by persons involved in program support and by systems programmers involved in altering the program design for installations requiring such alteration. It supplements the library listing and its comments but is not a substitute for them.

Manual, 304 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6486

IBM OS/VS COBOL COMPILER PROGRAM LOGIC PROGRAM NUMBERS:
5740-CB1

This publication describes the IBM OS/VS COBOL Compiler. The internal design of the compiler and the object program it produces are discussed. This publication is intended for use by persons involved in program support and by system programmers involved in altering the compilers for installations requiring such alteration. It supplements the compiler listings and its comments, but it is not a substitute for them.

Effective use of this manual requires an understanding of the IBM operating system. Knowledge of both IBM OS/VS COBOL and the IBM Assembler Language is a prerequisite. Reference publications for this information are listed in the preface of this manual.

Manual, 584 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GY28-6688

INTERNAL LOGIC MANUAL FOR THE IBM 2947-4 CHECK COLLECTION
CONTROLLER SEQUENTIAL ACCESS METHOD - PROGRAM SUPPORT
RPO 888264 - PROGRAM NUMBERS 5793-WAF 5799-WAG

This publication describes the internal logic of the Check Collection Sequential Access Method (CSAM) program, which contains the data-management macro instructions and services for the IBM 2947 Model 4 Check Collection Controller. CSAM can be used with either the IBM Operating System/360 or the Disk Operating System/360.

To explain their differences and similarities, this publication has text introductions, method of operation diagrams, flowcharts, data-area formats, program organization and descriptions.

Program Logic Manual, 66 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY28-6761

OS/MVT, OS/MVT, AND OS/VS DATA SET UTILITIES SUPPORT FOR
ASCII: LOGIC MANUAL, PROG. NO. 5734-UT2

This publication describes the internal logic of the System/360 Operating System data set utilities that support the American National Standard Code for Information Interchange (ASCII). This support is a program product that permits users to create and maintain both ASCII and EBCDIC data sets even through all System/360 internal operations are in EBCDIC mode.

This publication is intended for persons involved in program maintenance, and for system programmers who are altering the program design. The information in this manual is not necessary for the use and operation of the utility programs.

Program Product Logic Manual, 252 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6766

OS/MVT & OS/VS2 TSO DATA UTILITIES: COPY, FORMAT, LIST,
MERGE: LOGIC MANUAL, PROG. NO. 5734-UT1

The Program Logic Manual describes the internal design or logic of the subject program. This manual is intended for persons involved in program maintenance and for system programmers who are altering the program design. Program logic information is not necessary for the operation of the program; therefore, distribution of this publication is limited to persons with maintenance and alteration requirements.

Manual, 394 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6832

IBM SYSTEM/360 OS/DOS ITF PROGRAM LOGIC INTRODUCTION AND METHOD OF OPERATION

PROGRAM NUMBERS 5734-RC1, 5734-RC3, 5736-RC1, 5736-RC2
This publication describes the internal logic of the Interactive Terminal Facility (ITF) that operates under System/360 Operating System (OS) or System/360 Disk Operating System (DOS). It is intended for use by persons involved in program maintenance. Program logic information is not necessary for the use and operation of the ITF; therefore, distribution of this publication is limited to licensees who have the aforementioned requirement.

This publication is one section of the ITF program logic manual. Please refer to the Preface for a list of other sections that, together with this one, form the ITF program logic manual.
Program Product Logic Manual, 66 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6833

IBM SYSTEM/360 OS/DOS ITF PROGRAM LOGIC INITIALIZATION SYSTEM CONTROL, AND SYSTEM SUPPORT PROGRAM LOGIC MANUAL - PROGRAM NUMBERS 5734-RC1, 5734-RC3, 5736-RC1, 5736-RC2

This publication describes the internal logic of the Interactive Terminal Facility (ITF) that operates under System/360 Operating System (OS) or System/360 Disk Operating System (DOS). It is intended for use by persons involved in program maintenance. Program logic information is not necessary for the use and operation of the ITF; therefore, distribution of this publication is limited to licensees who have the aforementioned requirement.

This publication is one section of the ITF program logic manual. Please refer to the Preface for a list of other sections that, together with this one, form the ITF program logic manual.
Program Product Logic Manual, 270 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6834

IBM SYSTEM/360 OS/DOS ITF PROGRAM LOGIC LANGUAGE COMPONENT CONTROLLER PROGRAM LOGIC MANUAL PROGRAM NUMBERS 5734-RC1, 5734-RC3, 5736-RC1, 5736-RC2

This publication describes the internal logic of the ITF under OS or DOS for persons involved in program maintenance. It is only one section of the PLM. This third section of the PLM for DOS or OS ITF users should be preceded by LY28-6832 Introduction and Method of Operation, and LY28-6833 Initialization, System Control and System Support Components. For PL/I-only users it should be followed by LY28-6835 and LY28-6837 Language Component and LY28-6840 Index. For BASIC users only substitute LY28-6836 for LY28-6835. Users of both PL/I and BASIC should refer to all four.
Program Product Logic Manual, 10 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6835

IBM SYSTEM/360 OS/DOS ITF PL/I PROGRAM LOGIC LANGUAGE COMPONENT: PL/I ROUTINES PROGRAM NUMBERS 5734-RC1, 5736-RC1

This publication describes the internal logic of the Interactive Terminal Facility (ITF) that operates under System/360 Operating System (OS) or System/360 Disk Operating System (DOS). It is intended for use by persons involved in program maintenance. Program logic information is not necessary for the use and operation of the ITF; therefore, distribution of this publication is limited to licensees who have the aforementioned requirement.

This publication is one section of the ITF program logic manual. Please refer to the Preface for a list of other sections that, together with this one, form the ITF program logic manual.
Program Product Logic Manual, 102 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6836

IBM SYSTEM/360 OS/DOS ITF PROGRAM LOGIC LANGUAGE COMPONENT: BASIC ROUTINES PROGRAM NUMBERS 5736-RC2, 5734-RC3

Describes the internal logic of the Interactive Terminal Facility (ITF) that operates under System/360 Operating System (OS) or System/360 Disk Operating System (DOS). It is intended for use by persons involved in program maintenance. Program logic information is not necessary for the use and operation of the ITF; therefore, distribution of this publication is limited to licensees who have the aforementioned requirement.

This publication is one section of the ITF program logic manual. Please refer to the Preface for a list of other sections that, together with this one, form the ITF program logic manual.
Program Product Logic Manual, 170 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6837

IBM SYSTEM/360 OS/DOS ITF PROGRAM LOGIC LANGUAGE COMPONENT: COMMON ROUTINES AND REFERENCE DATA PROGRAM NUMBERS 5734-RC1, RC3, 5736-RC1, RC2

This publication describes the internal logic of the Interactive Terminal Facility (ITF) that operates under

System/360 Operating System (OS) or System/360 Disk Operating System (DOS). It is intended for use by persons involved in program maintenance. Program logic information is not necessary for the use and operation of the ITF; therefore, distribution of this publication is limited to licensees who have the aforementioned requirement.

This publication is one section of the ITF program logic manual. Please refer to the Preface for a list of other sections that, together with this one, form the ITF program logic manual.
Program Product Logic Manual, 138 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6840

INDEX FOR THE OS/DOS ITF PLM, PROG. NOS. 5734-RC1 AND 3, 5736-RC1 AND 2

This publication is the last section of the CS/ECS ITF program logic manual. Its preface lists the other sections that will complete the form of PLM required.

Index, 16 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6842

IBM SYSTEM/360 OPERATING SYSTEM (TIME SHARING OPTION) INTERACTIVE TERMINAL FACILITY PROGRAM LOGIC INITIALIZATION, SYSTEM CONTROL, AND SYSTEM SUPPORT PROGRAM NUMBERS 5734-RC2, 5734-RC4

This publication describes the internal logic of ITF (Interactive Terminal Facility) that operates under System/360 Operating System with TSO (Time Sharing Option). It is intended for use by persons involved in program maintenance. Program logic information is not necessary for the use and operation of ITF; therefore, distribution of this publication is limited to licensees who have the aforementioned requirement.

This publication is one section of the ITF program logic manual. Please refer to the preface for a list of other sections that, together with this one, form the ITF program logic manual.
Manual, 98 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6845

IBM SYSTEM/360 OPERATING SYSTEM (TIME SHARING OPTION) INTERACTIVE TERMINAL FACILITY PROGRAM LOGIC INDEX PROGRAM NUMBERS 5734-RC2, 5734-RC4

This publication describes the internal logic of ITF (Interactive Terminal Facility) that operates under System/360 Operating System with TSO (Time Sharing Option). It is intended for use by persons involved in program maintenance. Program logic information is not necessary for the use and operation of ITF; therefore, distribution of this publication is limited to licensees who have the aforementioned requirement.

This publication is one section of the ITF program logic manual. Please refer to the Preface for a list of other sections that, together with this one, form the ITF program Logic Manual.
Program Product, 26 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6846

CODE AND GC FORTRAN PROCESSOR FOR OS & VM/370 (CMS); PROGRAM LOGIC, PROG. NO. 5734-FO1

Describes the internal logic of the code and Go FORTRAN IV compiler.

Program Logic Manuals are intended for use by IBM OS and VM/370 personnel involved in program maintenance, and by system programmers involved in altering the program design. Program logic information is not necessary for program operation and use.

Manual, 360 pgs
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY28-6849

OS/VS1 RES RTAM AND WORKSTATION SUPPORT LOGIC

This logic manual is written for customer engineers and others who require information regarding the internal operation of RTAM (Remote Terminal Access Method), which is the access method used by RES (Remote Entry Services); RTAM is the major component of RES. Other components of RES are described when such information is needed for understanding RES.

The functions are presented in diagram form (HIPO diagrams) at a relatively high level. The diagrams include reference to labels in the program listing, which is to be used in conjunction with this logic manual. The manual includes description of data areas used by more than one module. Also included are module descriptions and such diagnostic aids as cross references of messages and modules, contents of control bytes for record compression and/or interleaving, and the storage layout of RES components.
Manual, 240 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY28-6856

FORTRAN IV (G1) COMPILER FOR OS & VM/370 (CMS), LOGIC, PROG PROD 5734-FO2

Describes the internal logic of the FORTRAN IV (G1) compiler.

This program logic manual is intended for use by persons

involved in program maintenance. Program logic information is not necessary for the use and operation of the FORTRAN (G1) compiler.
Program Logic Manual, 248 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GY30-1024

OS/VS TCAM PROGRAM REFERENCE SUMMARY TCAM LEVEL 10: 5741-602 (OS/VS1 SUID); 5742-UY99915 (OS/SVS ICR); 5752-836 (OS/MVS SUID)
This handbook provides reference information about TCAM. It provides quick access to often-used diagnostic and debug information.
Reference summary, 6 3/4 x 3 3/4 inches, 320 pgs, 7/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

GY30-2011

OS/MFT, OS/MVT, AND OS/VS1: CRJE LOGIC
This publication describes the internal logic of the Conversational Remote Job Entry (CRJE) facility of OS/MFT, OS/MVT, and OS/VS1. CRJE provides Remote Job Entry capability for users at remote keyboard terminals that are connected to an IBM System/360 or IBM System/370 via communications lines.
This manual is intended for use by personnel involved in program maintenance and by system programmers who are altering the program design. Program logic information is not necessary for the operation of the programs described.
Program Logic Manual, 350 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY30-2039

OS/VS TCAM LOGIC - PROGRAM NUMBER 5741-SC1-21
This publication describes the internal logic of the OS/VS Telecommunications Access Method (TCAM). The book is intended for IBM programming systems representatives and system engineers who provide program maintenance and who need information on the internal organization and logic of TCAM.
In order to understand the logic of TCAM, the reader must have a general knowledge of OS/VS. In addition, the following prerequisite publications are applicable:
o OS TCAM Concepts and Facilities, GC30-2022, to gain familiarity with the overall concepts and structure of TCAM.
o OS/VS TCAM Programmer's Guide, GC30-2034, to learn how to construct and modify a TCAM MCP and a TCAM-compatible application program.
The OS/VS1 System Data Areas publication, SY28-0605, and the OS/VS2 System Data Areas publication, SY28-0606, provide corequisite information on system data areas that are used by TCAM.
Manual, 470 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY30-2040

OS/VS2 TCAM (LEVEL 8) LOGIC
Provides the information required for persons involved in keeping the program operational.
This publication is a reference manual for OS/VS2 TCAM level 8, the level of TCAM designed to operate with the Virtual Telecommunications Access Method (VTAM) and the new Systems Network Architecture (SNA).
It contains an introduction, a section on basic TCAM concepts, a method of operation section, a program organization section, a diagnostic aids section, and various appendices including one on Time Sharing Support (TSO).

PREREQUISITE PUBLICATIONS

OS/VS TCAM Concepts and Facilities, GC30-2042, for general information. OS/VS TCAM Programmer's Guide, GC30-2041, to learn how to construct and modify a TCAM MCP and a TCAM-compatible application program.
Manual, 768 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY30-2049

OS/VS TCAM (LEVEL 5) LOGIC
This publication describes the internal logic of the OS/VS Telecommunications Access Method (TCAM). The book is intended for IBM programming systems representatives and system engineers who provide program maintenance and who need information on the internal organization and logic of TCAM.
In order to understand the logic of TCAM, the reader must have a general knowledge of OS/VS. In addition, the following prerequisite publications are applicable:
o OS TCAM Concepts and Facilities, GC30-2022, to gain familiarity with the overall concepts and structure of TCAM.
o OS/VS TCAM Programmer's Guide, GC30-2044, to construct and modify a TCAM message control program and a TCAM compatible application program.
The OS/VS1 System Data Areas publication, SY28-0605, and the OS/VS2 Data Areas publications, SB28-0606, provide corequisite information on system data areas that are used by TCAM.
Manual, 800 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY30-2069

OS/VS1 TCAM (LEVELS 8 & 9) LOGIC
The Level 8 OS/VS1 TCAM PLM consists of Level 5 OS/VS TCAM plus the changes necessary to incorporate VTAM (Level 7) and the 3600 Finance Communication System (Level 8). Most of the data areas included in the OS/VS PLMs have been omitted, and data area indexes have been added. System libraries have been omitted from Appendix A except for the SYSL.NACLIE library. New HIPO diagrams and new message information have been added.
Manual, 668 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GY30-3000

IBM 3735 PROGRAMMABLE BUFFERED TERMINAL FORM DESCRIPTION MACRO INSTRUCTIONS AND FORM DESCRIPTION UTILITY PROGRAM LOGIC MANUAL (CS, DOS, AND VS SYSTEMS)
This publication describes the internal logic of the OS and DOS programming support for the IBM 3735 Programmable Buffered Terminal. The 3735 programming support includes both Form Description (FD) macro instructions and Form Description utility programs to provide the operating environment for applications using preprinted (fixed-format) forms and batch processing.
This publication is intended for IBM programming systems representatives who maintain the 3735 programming support and for customer system programmers who modify that support.
To understand the logic of the 3735 programming support, the reader must have a general understanding of CS or DCS and of the macro language facility of the assembler.
Program Logic Manual, 180 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY30-3001

3704 & 3705 COMMUNICATION CONTROLLERS EMULATION PROGRAM: PROGRAM LOGIC MANUAL
This publication is designed to supplement the program listings for the Emulation Program and to make access to the information in the listings easier.
New techniques are used to help in understanding the program and in referring quickly to listings for details on the implementation. The publication relies on method of operation diagrams that show how the Emulation Program routines operate and that provide functional "maps" (by cross-reference) through the listings.
Manual, 184 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY30-3004

GENERATION AND LOGIC MANUAL FOR PROGRAMMING RPQ P85007 SPECIAL START-STOP LINE CONTROL FOR IBM 3704 & 3705 EMULATION PROGRAM, PROG. NC. 5799-AGK
This document contains information reflecting changes to the current version of the Emulation Program, V1M2, required for support of special start-stop devices.
Documentation is divided into three sections:

Section 1 - General description of the Special Stop Line Control PRPQ (P85007).

Section 2 - Information relating to areas of the Emulation Program Generation Manual, GC30-3002-1, that are affected by Special Start-Stop Line Control support.

Section 3 - Information relating to areas of the Emulation Program PLM, SY30-3001-0, that are affected by Special Start-Stop Line Control support.

Manual, 30 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY30-3005

GENERATION AND LOGIC MANUAL FOR PROGRAMMING RPQ P85004, SIX BIT TRANSCODE FOR IBM 3705 EMULATION PROGRAM PROGRAM NO. 5799-AGA
This document contains information reflecting changes to the current version of the Emulation Program, V1M2, required for support of Six Bit Transcode, PRPQ P85004. The document is intended for analysts and programmers responsible for the generation and maintenance of the Emulation Program, and for IBM system engineers and field engineers.
These changes affect only the method employed in converting transmitted or received data, rather than the actual functions performed by the Emulation Program. Consequently, only a few changes to the EP PLM, SY30-3001, and EP Generation Manual, GC30-3002, are necessitated by this PRPQ. Only the areas affected by the changes are included in this document.
Documentation is divided into three sections:
Section 1. General description of the Six Bit Transcode PRPQ (P85004)
Section 2. Information relating to areas of the Emulation Program Generation Manual, GC30-3002, that are affected by Six Bit Transcode support.
Section 3. Information relating to areas of the Emulation Program PLM, SY30-3001, that are affected by Six Bit Transcode support.
Manual, 20 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY30-3006

IBM 3705 EMULATION PROGRAM GENERATION AND LOGIC MANUAL FOR PROGRAM SUPPORT FOR HARDWARE RPO M26099 SABRE LINE CONTROL
Contains information reflecting changes to the current version of the Emulation Program, VIM2, required for support of airlines (SABRE) line control PSHRPQ P85000. It is intended for analysts and programmers responsible for the generation and maintenance of the Emulation Program, and for IBM systems engineers and field engineers. It is assumed that the reader has a conceptual knowledge of the current Emulation Program and of the Airlines Line Control supported by RPOs for the 2703 Transmission Control Unit.

Documentation is divided into three sections:

Section 1 - General description of the Airlines Line Control (ALC) PSHRPQ P85000.

Section 2 - Information relating to areas of the Emulation Program Generation and Utilities Guide and Reference Manual, GC30-3002, that are affected by Airlines Line Control support.

Section 3 - Information relating to areas of the Emulation Program PLM, SY30-3001, that are affected by Airlines Program PLM, SY30-3001, that are affected by Airlines Line Control support.

Manual, 74 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY30-3007

3704 & 3705 NETWORK CONTROL PROG/VS VERSION 2 LOGIC
A Program Logic Manual describes the internal design or logic of the subject program. These manuals are intended for persons involved in program maintenance and system programmers who are altering the program design. Program logic information is not necessary for the operation of the program; therefore, distribution of these publications should be limited to persons with maintenance and alteration requirements.

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

LY30-3009

IBM 3705 EMULATION PROGRAM GENERATION AND LOGIC MANUAL FOR PROGRAMMING RPO P85005, SPECIAL SYNCHRONOUS LINE CONTROL PROGRAM NO. 5799-AFZ

This document describes the changes made to the IBM 3705 Emulation Program for programming RPO P85005, Special Synchronous Line Control. This PRPQ emulates the Inter-Processor Communications Adapter (IPCA) feature of the IBM 2701 (RPO M24802) and the cyclic checking feature for the 2701 with IPCA (RPO M25697).

The document gives general information about the PRPQ and specific information about specifying the PRPQ during EP generation and about the internal logic of the PRPQ. It also summarizes the functions of a hardware RPO required if certain features of the PRPQ are selected and describes in detail the commands and control characters used with the PRPQ.

This document supplements the information in the IBM 3704 and 3705 Communications Controllers Emulation Program Generation and Utilities, Controller Emulation Program, Program Logic Manual (SY30-3001). It is intended for analysts and programmers responsible for the generation and maintenance of the Emulation Program, and for IBM systems engineers and customer engineers.

Manual, 50 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY30-3010

3704 & 3705 EMULATION PROGRAM GENERATION & LOGIC MANUAL FOR PROGRAMMING RPO P85003 USASCTI TRANSPARENCY BSC LINE CONTROL PROGRAM NUMBER 5799-AFZ

This document reflects the changes made to the IBM 3705 Emulation Programs for support of PRPQ P85003, USASCTI Transparency BSC Line Control. It is intended for analysts and programmers responsible for the generation and maintenance of the Emulation Program and for IBM systems engineers and customer engineers.

The document contains three types of information: (1) a general description of the PRPQ's functions; (2) information necessary to generate the PRPQ into an Emulation Program; and (3) modifications to the internal logic of the Emulation Program required by the PRPQ.

Manual, 20 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY30-3011

IBM 3705 EMULATION PROGRAM GENERATION AND LOGIC MANUAL FOR PROGRAMMING RPO P85009, SELECTIVE CALLING LINE CONTROL

This document contains information about changes made to the IBM 3705 Emulation Program for Programming RPO P85009, Selective Calling Line Control. The document is intended for analysts and programmers responsible for the generation and maintenance of the Emulation Program, and for IBM systems engineers and Field Engineers. The reader should have a conceptual knowledge of the current Emulation Program.

The information in this manual is of three types: (1) General information describing the function of the PRPQ; (2) information necessary to generate an Emulation Program with the PRPQ; and (3) information about the internal logic of the PRPQ.

Manual, 24 pages

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GY30-3012

IBM 3704 AND 3705 PROGRAM REFERENCE HANDECK

This handbook was formerly titled IBM 3704 and 3705 Data Areas SY30-3008. The handbook contains detailed information about the Network Control Program and Emulation Program data areas. It also contains debug and reference information such as command codes,abend codes, responses, MCR record formats, etc.

Manual, 3-3/4 x 6-3/4 inches, 200 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY30-3013

3704 & 3705 NCP/VS VERSION 5 LOGIC

This publication covers the internal logic of the IBM 3704 and 3705 Communications Controllers, Network Control Program/VS (NCP/VS), Version 3. Version 3 of the NCP operates under OS/VS VTAM and DOS VTAM. This PLM is designed to supplement the program listings for the NCP and to make access to the information in the listings easier.

The NCP/VS PLM is directed to the IBM program support representatives and system engineers who provide program maintenance and who need information on the internal organization and logic of the NCP.

Manual, 600 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY30-3014

IBM 3705 EMULATION PROGRAM GENERATION AND LOGIC MANUAL FOR RPO 858663, PLOTTER ADAPTER - PSHRPQ P85008 - PROG. NO. 5799-WFA

This document contains information necessary to generate and use the Plotter Adapter Program (PSHRPQ P85008) for the IBM 3705 Emulation Program. This program, for use with RPO 858663, provides for the attachment of IBM 1627 and/or CALCOMP 500,600, and 700 series plotters to the 3705.

This manual is intended for analysis and programmers responsible for generation and maintenance of the Emulation Program and for IBM system engineers and IEM customer engineers.

This document is intended to be used with the IBM 3704 and 3705 Communication Controllers Emulation Program Generation and Utilities, Guide and Reference Manual (GC30-3002) and the IBM 3704 and 3705 Communications Controllers Emulation Program Generation and Utilities, Guide and Reference Manual (GC30-3002) and the IBM 3704 and 3705 Communications Controllers Emulation Program, Program Logic Manual (SY30-3001).

*gPRL7-6N-17

Manual, 30 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

LY30-3016

IBM 3705 EMULATION PROGRAM GENERATION AND LOGIC MANUAL FOR PROGRAMMING RPO P85015, VIRTUAL 50 LINE SUPPORT - PROG. NO. 5799-AKQ

This document contains information reflecting changes to the IBM 3705 Emulation Program, version 2 modification 2, required for Virtual 50 Line Support, PRPQ P85015 (Program Number 5799-AKQ). This PRPQ allows the attachment of up to six high-speed Binary Synchronous Communication lines to the IBM 3705 Communications Controller.

This document is intended for analysts and programmers responsible for the generation and maintenance of the Emulation Program, and for IEM systems engineers and field engineers. The reader should have a conceptual knowledge of the current Emulation Program.

The document is divided into three sections:

- o Section 1 is a general description of Virtual 50 concepts.
- o Section 2 contains the information needed to generate the Virtual 50 PRPQ into the Emulation Program.
- o Section 3 describes the program logic of the Virtual 50 PRPQ.

Logic Manual, 20 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

LY30-3023

IBM 3704 AND 3705 EMULATION PROGRAM GENERATION AND LOGIC MANUAL FOR PROGRAMMING RPO P85010, TELEGRAPH FULL - DUPLEX LINE CONTROL - PROG. NO. 5799-AGN

This document describes the Telegraph Full-Duplex Line Control Programming RPO for the IBM 3704 and 3705 Communications Controllers Emulation Program. The PRPQ provides support of duplex line control for four telegraph terminals: The manual is intended for analysts and programmers responsible for generation and maintenance of the Emulation Program and for IBM system engineers and IEM customer engineers.

This document contains three types of information:

- o Information needed to generate the PRPQ into an Emulation Program.
- o Information about the internal logic of the PRPQ.
- o Information about the line control used for each of four terminal types supported by the PRPQ.

Prerequisites for this manual are:

IBM 3704 and 3705 Communications Controllers Emulation Program Generation and Utilities, Guide and Reference Manual

(GC30-3002).

IBM 3704 and 3705 Communications Controllers Emulation Program, Program Logic Manual (SY30-3001).
Manual, 30 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY30-3029

IBM 3705 ADVANCED COMMUNICATION FUNCTION FOR NETWORK CONTROL PROGRAM/VS (VERSION 6) HANDBOOK, NCP 5735-XX1, EP OS 360H-TX-035, OS/VS 5744-AN1, DOS/VS 5747-AG1
This handbook contains detailed information about the Advanced Communications Function for Network Control Program/VS (ACF/NCP/VS) and Emulation Program (EP) data areas. It also contains debug and reference information such as command codes,abend codes, responses, MDR record formats, etc.

This handbook is meant to be a supplement to other related manuals listed in the preface.
Handbook, 6 3/4 x 3 3/4 inches, 312 pages 6/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY30-3030

IBM 3705 ADVANCED COMMUNICATIONS FUNCTION FOR NETWORK CONTROL PROGRAM/VS, NCP VER 6, LIC PROG 5735-XX1, XX3, LOGIC
This publication covers the internal logic of the IBM 3705 Communications Controller, Advanced Communications Function for Network Control Program/VS (ACF/NCP/VS), Version 6. Version 6 of the NCP operates under OS ACF/VTAM, DOS ACF/VTAM, and DOS ACF/TCAM. This PLM is designed to supplement the program listings for the NCP and to make access to the information in the listings easier.

The ACF/NCP/VS PLM is directed to the IBM support representatives and system engineers who provide program maintenance and who need information on the internal organization and logic of ACF/NCP.
Manual, 8 1/2 x 11 inches, 812 pgs, 7/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY30-3031

IBM 3705 COMMUNICATIONS CONTROLLER EMULATION LOGIC
This publication describes the internal logic of the NEW BASE Emulation Program (EP), Version 3. Version 3 of the Emulation Program introduces support for the 3705 II with the type 4 channel adapter and the type 3 communication scanner. Additionally, software support of multiple type 4 channel adapters and multi-subchannel line access (MSLA) is provided. The EP modules that provide this support are called NEW BASE.

Previous releases of the Emulation Program support the 3705 I in a configuration which allows a single type 1 channel adapter and either a single type 1 communication scanner or up to four type 2 communications scanners. That configuration is supported by the old base Emulation Program modules (the type 1 channel adapter and the type 1 communication scanner are not supported by the NEW BASE). The EP System Generation selects either OLD BASE or NEW BASE modules depending upon the channel adapter and communication scanner defined. OLD BASE support is described in the IBM 3704 AND 3705 COMMUNICATIONS CONTROLLER EMULATION PROGRAM LOGIC MANUAL.

The EMULATION PROGRAM PLM is directed to the IBM program support representatives and system engineers who provide program maintenance and who need information on the internal organization and logic of the EP.
Manual, 433 pages, 8/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY30-3032

OS/VS2 TCAM LEVEL 10 LOGIC SELECTABLE UNIT (SU) IDENTIFIERS: 5741-602 (OS/VS1 SU ID), 5742-UY99915 (OS/VS ICR); 5752-836 (OS/MVS SU ID)
Provides the information required for persons involved in keeping the program operational.

This publication is a reference manual for OS/VS TCAM level 10, the level of TCAM designed to operate with the Network Control Program (NCP) and Systems Network Architecture (SNA).

It contains an introduction, a method of operation section, a program organization section, a data areas section, a diagnostic aids section, and various appendices.
PREREQUISITE PUBLICATIONS

OS/VS TCAM Concepts and Applications, GC30-2049, for general information. OS/VS TCAM System Programmer's Guide, GC30-2051, to learn how to construct and modify a TCAM NCP.
Manual, 8 1/2 x 11 inches, 316 pgs, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY30-3035

IBM 3705 EMULATION PROGRAM GENERATION AND LOGIC FOR PRPQ 805021, PROG 5799-ATD

This manual is intended for the systems programmer responsible for generating the Emulation Program and for the program support representative concerned with program logic information. The reader is assumed to have a conceptual knowledge of the current Emulation Program.
Manual, 8 1/2 x 11 inches, 100 pgs, 6/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY30-3036

ADVANCED COMMUNICATION FUNCTION FOR TCAM ICGIC
PROG PROD 5735-RC1

Provides the information required for persons involved in keeping the program operational.

This publication is a reference manual for ACF/TCAM system control program and base program, feature number 9001.

It contains an introduction, a method of operation section, a program organization section, a diagnostic aids section, and various appendices.

PREREQUISITE PUBLICATIONS

Advanced Communication Function for TCAM Concepts and Planning, GC30-3049 for general information. Advanced Communication Function for TCAM Systems Programmer's Guide, SC30-3117, to learn how to construct and modify a TCAM MCP.
Manual, 8 1/2 x 11 inches, 20 pgs, 12/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY30-3037

ADVANCED COMMUNICATION FUNCTION FOR TCAM REFERENCE SUMMARY, LIC PROG 5735-RC1

Provides information required for persons involved in keeping the program operational.

This publication is a reference manual for ACF/TCAM system control program and base program, feature number 9001.

It contains a section on data area layouts, a section containing a list of ACF/TCAM modules by library, a section on ACF/TCAM FID0 and FID1 commands and modifiers, a section on system network architecture exception codes, a section on operator control commands and a section listing common ACF/TCAM acronyms and abbreviations.

PREREQUISITE PUBLICATIONS

Advanced Communication Function for TCAM Logic LY30-3036.
Handbook, 3 3/4 x 6 3/4 inches, 330 pgs, 12/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY30-3042

ACF/TCAM, VERSION 2, LIC PROG 5735-RC3, REFERENCE SUMMARY

This publication is a reference manual for ACF/TCAM system control program, base program - feature number 9001, and the Multisystem Networking Facility - feature number 6003. It contains data area layouts, a list of relative priorities in ACF/TCAM, FID1 and FID0 commands and modifiers, operator control commands, and ACF/TCAM acronyms and abbreviations.
Manual, 8 1/2 x 11 inches, 575 pages, 5/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-6007

OS PL/I OPTIMIZING COMPILE: PROGRAM LOGIC MANUAL
PROGRAM NUMBER 5734-FL1

The internal design of the OS PL/I Optimizing Compiler is described in this manual, which is written for use by programmers responsible for maintenance of the compiler. The manual is intended primarily as a guide to analysis of the program listings by people who are generally familiar with the compiler. However, overall and component descriptions are provided for use by readers who have no prior knowledge of the compiler design.
Program Logic Manual, 752 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-6008

SYSTEM/360 OPERATING SYSTEM PL/I RESIDENT LIBRARY: PROGRAM LOGIC MANUAL - PROGRAM NUMBER 5734-LM4

The OS PL/I Resident Library consists of standard subroutines that are link-edited with object programs generated by the OS Optimizing Compiler. The library is used in program management, input/output, conversion, and interlanguage communication, and also includes many computational subroutines.

This publication is intended primarily for use by programmers concerned with the maintenance of the resident library. It summarizes, under functional headings, the internal logic of the library subroutines, and gives brief details of the relationships between them.
Manual, 388 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-6009

OS PL/I TRANSIENT LIBRARY: PROGRAM LOGIC MANUAL
PROGRAM NUMBER 5734-LM5

The OS PL/I Transient Library consists of standard subroutines that are loaded during execution of programs compiled by the OS PL/I Optimizing Compiler or the OS PL/I Checkout Compiler. These subroutines are used in error handling, program management, and input/output to provide storage dumps.

This publication is intended primarily for use by programmers concerned with maintenance of the transient library. It summarizes, under functional headings, the internal logic of the library subroutines and gives brief details of the relationships between them.
Manual, 328 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-6010

DOS PL/1 OPTIMIZING COMPILER: PROGRAM LOGIC PROGRAM PRODUCT 5736-PL1

The internal design of the DOS PL/1 Optimizing Compiler is described in this manual, which is written for use by programmers responsible for maintenance of the compiler. The manual is intended primarily as a guide to analysis of the program listings by people who are generally familiar with the compiler. However, overall and component descriptions are provided for use by readers who have no prior knowledge of the compiler design.
Manual, 736 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-6011

DOS PL/1 RESIDENT LIBRARY: PROGRAM LOGIC MANUAL PROGRAM NUMBER 5736-LM4

The DOS PL/1 Resident Library consists of standard subroutines that are link-edited with object programs generated by the DOS Optimizing Compiler. The library is used in program management, input/output, conversion, and interlanguage communication, and also includes many computational subroutines.

This publication is intended primarily for use by programmers concerned with the maintenance of the resident library. It summarizes, under functional headings, the internal logic of the library subroutines, and gives brief details of the relationships between them.
Manual, 8-1/2 x 11 inches, 310 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-6012

DOS PL/1 TRANSIENT LIBRARY - PROGRAM LOGIC MANUAL PROGRAM NUMBER 5736-LM5

The DOS PL/1 Transient Library consists of standard subroutines that are loaded during execution of programs compiled by the DOS PL/1 Optimizing Compiler. These subroutines are used in error handling, program management, and input/output, and to provide storage dumps.

This publication is intended primarily for use by programmers concerned with the maintenance of the transient library. It summarizes, under functional headings, the internal logic of the library subroutines, and gives brief details of the relationships between them.
Manual, 8-1/2 x 11 inches, 152 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-6013

OS PL/I CHECKOUT COMPILER: PROGRAM LOGIC VOLUME 1 OF 2, PROGRAM NUMBER 5734-PL2

This two-volume manual describes the internal logic of the OS PL/I Checkout compiler.

The checkout compiler consists of a translator program and an interpreter program. The translator converts PL/I source programs into instructions in an intermediate code. The interpreter achieves the effect of object-time execution of the coded instructions.

This volume contains a functional description of translation and the logic of the interpretation process. It does not describe the dynamic aspects of interpretation (which are discussed in OS PL/I Checkout Compiler: Execution Logic, Order No. SC33-0032), or the internal logic of the library subroutines (which are discussed in Volume 2 of this manual, Order No. LY33-6014).

It is primarily intended for use by programmers who are responsible for maintenance of the compiler, or who wish to understand program design.
SRL Manual, 764 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-6014

SYSTEM/360 OPERATING SYSTEM PL/I CHECKOUT COMPILER PROGRAM LOGIC, VOLUME 2 OF 2 - PROGRAM NUMBER 5734-PL2

This volume summarizes, under functional headings, the internal logic of the library subroutines, and gives brief details of the relationships between them.

The library is used in program management, input/output, conversion, and interlanguage communications, and also includes many computational subroutines.
Manual, 380 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-6028

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) LOGIC (DOS/VS), PROG PROD 5746-XX3

The IBM Customer Information Control System/Virtual Storage (CICS/VS) is a data-base/data communication system that provides an interface between a system/370 operating system and user-written application programs. Applicable in most online environments, CICS/VS provides many of the facilities for standard applications: message switching, inquiry, data collection, order entry, and conversational and batched data entry.

CICS/VS is available as two program products: CICS/DOS/VS, which is executed under control of the Disk Operating System/Virtual Storage (DOS/VS), and CICS OS/VS, which is executed under Operating System/Virtual Storage (OS/VS1 or OS/VS2). Both program products consist of modular components from which a user installation can select and tailor a CICS/VS system to meet particular application processing needs. Because the CICS DOS/VS system is compatible with the CICS OS/VS system, it is possible to

start with a small DOS/VS data base/data communication configuration and move up through DOS/VS into OS/VS. The information contained in this manual is of interest to persons servicing CICS DCS/VS.
Manual, 1150 pgs, 2/77

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-6029

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) PROGRAM LOGIC (OS/VS) - PROGRAM NUMBER 5740-XX1
The IBM Customer Information Control System/Virtual Storage (CICS/VS) is a data base/data communication system that provides an interface between a system/370 operating system and user-written application programs. Applicable in most online environments, CICS/VS provides many of the facilities for standard applications: message switching, inquiry, data collection, order entry, and conversational and batched data entry.

CICS/VS is available as two program products: CICS/DOS/VS, which executes under control of the Disk Operating System/Virtual Storage (OS/VS1 or OS/VS2). Both program products consist of modular components from which a user installation can select and tailor a CICS/VS system to meet particular application processing needs. This publication deals with CICS/OS/VS, and all references to CICS/VS in this publication refer to CICS/OS/VS.

The information contained in this manual is of interest to persons servicing CICS/OS/VS.
Manual, 8 1/2 x 11 inches, 1198 pgs, 4/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY33-6030

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS-VS) VERSION 1, RELEASE 3 PROBLEM DETERMINATION GUIDE PROG PROD 5740-XX1 (CICS/OS/VS), 5746-XX3 (CICS/DOS/VS)

The purpose of this manual is to help IBM Field Engineers and customer's system programmers in the debugging of problems which might be related to CICS/VS, to the way in which CICS/VS is used, or to the coding of application programs that run under CICS/VS. Part 1 (Approach to Problem Determination) is intended for the newcomer to CICS/VS problem debugging. Part 2 deals with aids to problem determination (such as trace & dump). Part 3 summarizes CICS/VS operation. Part 4 describes CICS/VS interfaces with other access methods. Appendices cover APAR documentation and common user errors.
Manual, 8 1/2 x 11 inches, 280 pgs., 6/77

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-7008

1401/1440/1460 DOS EMULATOR ON SYSTEM/370: LOGIC, PROG. NOS. 370N-EU-490 (DOS), 5745-SC-EML (DOS/VS)

This publication describes the organization and logic of the program that emulates the 1401, 1440, and 1460 on the System/370 Models 135, 145, 155.
Manual, 342 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-7009

1410/7010 DOS EMULATOR ON SYSTEM/370 LOGIC, PROG. NOS. 370N-EU-490 (DOS), 5745-SC-EML (DOS/VS)

This publication describes the internal logic of the 1410/7010 Emulator Program for the System/370 Models 145 and 155, using the System/360 Disk Operating System. The emulator program is a problem program executed under control of the System/360 Disk Operating System. The emulator program and the appropriate compatibility feature (#4458 for Model 145, #3950 for Model 155) execute 1410/7010 programs on these System/370 models.

Major topics in this publication are the logic of the emulator program, the functions of the compatibility features, and the logic of the tape formatting programs used with the emulator.

The publication is written to meet the needs of the IBM customer engineer who must maintain the program.
Manual, 292 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-7010

MODEL 20 EMULATOR ON SYSTEM/370 USING DOS AND DOS/VS LOGIC - PRG. NOS. 370N-IC-002 AND 5745-SC-E20

Volume 1 of this manual describes the internal logic of the IBM System/360 Model 20 Emulator Program on the IBM System/370 Models 115, 125, and 135. The emulator is a problem program that operates under the control of DCS or DOS/VS. IBM Compatibility Feature #7520 must be installed on the System/370.

Volume 2 of this manual describes the internal logic of the data interchange program. The data interchange program converts files in Model 20 emulator format to files accessible by DOS/VS programs, and vice versa. It does not use the compatibility feature, and can therefore run on any System/370 model.

This publication is intended to be a reference manual for those responsible for emulator program maintenance. Assumed is familiarity with the System/360 Model 20 and DCS or DOS/VS.

Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-7011

1401/1440/1460 OS EMULATOR ON SYSTEM/370 LOGIC - PROGRAM NUMBERS 5744-AH1 AND 360C-EU-735

This manual describes the internal logic of the IBM 1401/1440/1460 Emulator Program for the IBM System/370 Models 135/145/155-II/158. The emulator programs runs as a problem program under the OS/MFT, OS/MVT, OS/VS1, and OS/VS2 control programs, and executes object programs written for the IBM 1401, 1440, and 1460 Data Processing Compatibility Feature #4457; the Model 145 with IBM compatibility Feature #4457 or #4458; the Model 155 with IBM Compatibility Feature #3950). Note that OS/MVT and OS/VS2 do not run on the Model 135. In addition, this manual describes the 1401/1440/1460 simulator, which enables programs to be executed on System/370 Models 135 through 168 under the control of OS/VS1 and OS/VS2, without the need for the compatibility feature (the functions of the compatibility feature are performed by simulator routines).

Described in this manual are the logic of the emulator program (including the simulator routines); the inter-relationships of the emulator program, the compatibility feature, and the operating system; and the logic of the tape and disk formatting programs used in conjunction with the emulator.

This manual is intended to be a reference manual for those responsible for emulator program maintenance. Assumed is familiarity with the IBM 1401/1440/1460 Data Processing Systems and with the appropriate OS control program.

Manual, 260 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-7015

DOS TO OS/VS EMULATOR: LOGIC, PROG. NO. 5744-AS1

This publication describes the internal logic of the DOS Emulator Program under OS/VS1 and OS/VS2. The emulator is a combination of a software program and the DOS Compatibility Feature. The relationship of the program logic to that of the Compatibility Feature is described.

This publication has been written to serve as a guide to and for use with the program listing. It is intended for programmers involved in program maintenance and system programmers who are altering the program design. Note: (DOS to OS Emulator-Logic, GY26-3741 is now obsolete) use GY33-7018 for DOS Emulator under OS.

Manual, 576 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-7016

1401/1440/1460 OS/VS EMULATOR ON SYSTEM/370, LOGIC - PROG. NO. 5744-AH1

This manual describes the internal logic of the IBM 1401/1440/1460 Emulator Program for the IBM System/370 Models 135/145/155-II/158. The emulator program runs as a problem program under the OS/VS1 and OS/VS2 control programs, and executes object programs written for the IBM 1401, 1440 and 1460 Data Processing Systems (the Model 135 must be equipped with IBM Compatibility Feature #4457; the Model 145 with IBM Compatibility Feature #4457 or #4458; the Model 155 with IBM Compatibility Feature #3950).

Described in this manual are the logic of the emulator program, the inter-relationships of the emulator program, the compatibility feature, and the operating system, and the logic of the tape and disk formatting programs used in conjunction with the emulator.

This manual is intended to be a reference manual for those responsible for emulator program maintenance. Assumed is familiarity with the IBM 1401/1440/1460 Data Processing Systems and with the appropriate OS control program.

Manual, 320 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-7017

1410/7010 OS/VS EMULATOR ON SYSTEM/370 - LOGIC, PROG. NO. 5744-AG1

This manual describes the internal logic of the IBM 1410/7010 Emulator Program for the IBM System/370 Models 145, 155-II and 158. The emulator runs as a problem program under the OS/VS1 and OS/VS2 control programs, and executes object programs written for the IBM 1410 and 7010 Data Processing Systems (the Model 145 must be equipped with IBM Compatibility Feature #4457 or #4458; the Models 155-II and 158 with IBM Compatibility Feature #3950).

Described in this manual are the logic of the emulator program, the inter-relationships of the emulator program, the compatibility feature, and the operating system, and the logic of the tape and disk formatting programs used in conjunction with the emulator.

This manual is intended to be reference manual for those responsible for emulator program maintenance. Assumed is familiarity with the IBM 1410/7010 Data Processing Systems and with the appropriate OS control program.

Manual, 312 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GY33-7018

DOS TO OS EMULATOR - LOGIC PROGRAM NUMBER 360C-EU-738

This publication describes the internal logic of the DOS Emulator Program under OS/MFT and OS/MVT. The emulator is a combination of a software program and the DOS Compatibility Feature. The relationship of the program logic to that of the Compatibility Feature is described.

This publication has been written to serve as a guide to and for use with program listing. It is intended for

programmers involved in program maintenance and system programmers who are altering the program design. (DCS to OS Emulator-Logic, GY20-3741 is now obsolete) Use SY33-7015 for DOS Emulation under OS/VS.

Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

GY33-7019

1401/1440/1460 OS/MFT AND OS/MVT EMULATOR ON SYSTEM/370 - LOGIC, PROG. NO. 360C-EU-735

This manual describes the internal logic of the IBM 1401/1440/1460 Emulator Program for the IEM System/370 Models 135/145/155. The emulator program runs as a problem program under the OS/MFT and OS/MVT control programs, and executes object programs written for the IEM 1401, 1440 and 1460 Data Processing Systems (the Model 135 must be equipped with IBM Compatibility Feature #4457; the Model 145 with IEM Compatibility Feature #4457 or #4458; the Model 155 with IEM Compatibility Feature #3950).

Described in this manual are the logic of the emulator program, the inter-relationships of the emulator program, the compatibility feature, and the operating system, and the logic of the tape and disk formatting programs used in conjunction with the emulator.

This manual is intended to be a reference manual for those responsible for emulator program maintenance. Assumed is familiarity with the IBM 1401/1440/1460 Data Processing Systems and with the appropriate OS control program.

Manual, 300 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GY33-7020

1410/7010 OS/MFT AND OS/MVT EMULATOR ON SYSTEM/370 LOGIC PROG. NO. 360C-EU-736

This manual describes the internal logic of the IBM 1410/7010 Emulator Program for the IBM System/370 Models 145, 155 155-II and 158. The emulator runs as a problem program under the OS/MFT and OS/MVT control programs, and executes object programs written for the IEM 1410 and 7010 Data Processing Systems (the Model 145 must be equipped with IBM Compatibility Feature #4457 for #4458; the Models 155, 155-II and 158 with IBM Compatibility Feature #3950).

Described in this manual are the logic of the emulator program; the interrelationships of the emulator program, the compatibility feature, and the operating system; and the logic of the tape and disk formatting programs used in conjunction with the emulator.

This manual is intended to be a reference manual for those responsible for emulator program maintenance. Assumed is familiarity with the IEM 1410/7010 Data Processing Systems and with the appropriate OS control program.

Manual, 312 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY33-8038

DOS/VS SORT/MERGE LOGIC - PROGRAM NUMBER 5746-SM1

This manual aids Programming Systems representatives and system programmers involved in maintenance circumvent and/or fix faults in the DOS/VS Sort/Merge (5746-SM1). It describes the structure, logic and operation of the sort/merge by means of method-of-operation diagrams, module descriptions, data area descriptions, and various cross-reference tables.

Manual, 135 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-8039

DOS SORT/MERGE PROGRAM LOGIC MANUAL PROGRAM NUMBER 5743-SM1

This manual is a guide to the internal organization and logic of program no. 5743-SM1, intended for customer engineers. Describes program capabilities and system environment, techniques used by the program, and specific program components (using flowcharts). Also includes such aids as:

- o Microfiche directory
- o Table Layouts
- o Register contents at entry to modules
- o Error-message module cross-reference tables
- o Control statement formats
- o Summary of program exits

The user should be familiar with the Disk Operating System service programs, assembler language, macro instructions, and sort/merge program specifications.

Manual, 316 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY33-8041

OS/VS, VM/370 ASSEMBLER LOGIC

This program logic manual is written for customer engineers and programmers maintaining the OS/VS - VM/370 assembler. The manual describes the structure, logic, and operation of the assembler. Method of operation diagrams highlight the inputs, processing, and outputs of the assembler functions. The diagrams are accompanied by text describing the functions in more detail and cross-references to the program elements that perform the functions. Detailed charts show how the assembler phases use main storage and the flow of control and data between the assembler phases. The manual also contains layouts of data areas, information designed to be helpful in debugging and information about error message origin, macro and copy code usage, meta text

flags, internal operation codes, entry points and EXTRN symbols, record formats, and the internal character set.

Prerequisite Publications:

OS/VS - DOS/VS - VM/370 Assembler Language,
Order No. GC33-4010
IBM System/370 Principles of Operation,
Order No. GA22-7000
IBM System/360 Principles of Operation,
Order No. GA22-6821
OS/VS - VM/370 Assembler Programmer's Guide,
Order No. GC33-4021
Manual, 276 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY33-8042

OS/VS SORT/MERGE LOGIC - PROG. PROD. 5740-SM1
Describes the functions of the OS/VS Sort/Merge Program Product, including method of operation, program organization directories of program components, data areas, and techniques used by the program. Diagnostic aids include tables showing the origin of program messages, a description of the program's debugging aids and formatted dumps, and some simple bypasses.
Manual, 226 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-8044

DOS/VS SORT/MERGE VERSION 2 LOGIC, PROG PROD 5746-SM2
For service personnel and development programmers who need to know about the design and organization of the DOS/VS Sort/Merge Version 2 Program Product (5746-SM2); describes its internal logic.
Manual, 8 1/2 x 11 inches, 124 pgs, 5/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GY33-8532

DOS VERSION 4 LOGICAL TRANSIENTS, LOGIC - PROG. 370N-CL-453
This reference publication describes the internal logic of the IBM Disk Operating System, Logical Transient Programs. It is for persons involved in program maintenance and for system programmers who are altering the program design. Program logic information is not needed for normal operation of these programs. This publication is a supplement to the program listing.
Effective use of this manual requires an understanding of IBM System/370 operation and of IBM Disk Operating System Version 4 control and service programs, macro instructions, and operating procedures. Reference publications for this information are listed in the preface.
Manual, 260 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GY33-8533

INTRODUCTION TO DOS VERSION 4 LOGIC - PROGRAM NUMBER 370N-CL-453
This reference publication gives an overall view of the Disk Operating System (DOS), and it briefly describes the associated control and service programs.
It is intended for persons who are involved in program maintenance and for system programmers who are altering the program design. Program logic information is not needed for normal use or operation of the system control program.
This manual is designed to introduce and to cross-reference the six companion PLMs of the Disk Operating System. These associated PLMs are listed in the Preface of this manual.
For titles and abstracts of other associated publications, see the IBM System/360 and System/370 Bibliography, GA22-6822.
Manual, 52 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GY33-8534

DOS VERSION 4 SUPERVISOR AND RELATED TRANSIENTS - PROGRAM LOGIC MANUAL - PROGRAM NUMBER 370N-CL-453
This reference publication describes the internal logic of the IBM Disk Operating System, Supervisor and Physical and Recovery Transients Programs. It is for persons involved in program maintenance and for system programmers altering the program design. Program logic information is not needed for normal operation of these programs. This publication is a supplement to the program listing.
Effective use of this manual requires an understanding of IBM System/370 operation and of IBM Disk Operating System Version 4 control and service programs, macro instructions, and operating procedures. Reference publications for this information are listed in the Preface of this manual.
Manual, 472 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GY33-8537

DOS VERSION 4 SYSTEM SERVICE PROGRAMS - PROGRAM LOGIC, PROG. NO. 370N-CL-453
This reference publication describes the internal logic of supervisor-interrelated service programs of the IBM Disk Operating System.
This manual is intended for persons involved in program maintenance and for system programmers altering the program design. Program logic information is not needed for normal

use or operation of the system control program. It is designed as a supplement to the program listing.

Its effective use requires an understanding of the IBM System/370 operation and of the IBM Disk Operating System control and service programs, macro instructions, and operating procedures. Reference publications for this information are listed in the preface of this manual.
Manual, 208 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GY33-8538

DOS VERSION 4 LINKAGE EDITOR MANUAL - PROGRAM LOGIC, PROG. NO. 370N-CL-453
This publication describes the internal logic of the IBM Disk Operating System linkage editor program. It is intended for use by persons involved in program maintenance and by system programmers who are altering the program design. Program logic information is not needed for normal operation of the linkage editor program. It is a supplement to the program listing.
Effective use of this manual requires an understanding of IBM System/370 operation and of IBM Disk Operating System control and service programs, macro instructions, and operating procedures.
For titles and abstracts of other associated publications, see the IBM System/360 and System/370 Bibliography, GA22-6822.
Manual, 96 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GY33-8539

SYSTEM/370 DOS VERSION 4 LIBRARIAN-PROGRAM LOGIC MANUAL - PROGRAM NUMBER 370N-CL-453
This reference publication describes the internal logic of the IBM Disk Operating System, Librarian Maintenance and Service Programs. Persons involved in program maintenance and system programmers should use this manual when altering the program design. Program logic information is not needed for normal operation of the librarian programs, but is to be used as a supplement to the program listing. Effective use of this manual requires an understanding of IBM System/370 operation and of IBM Disk Operating System control and service programs, macro instructions, and operating procedures. Reference publications for this information are listed in the preface of this manual. Titles and abstracts of other related publications are listed in the IBM System/360 and System/370 Bibliography, GA22-6822.
Manual, 316 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GY33-8542

DOS VER. 4 IPL AND JCI LOGIC - PROG. NO. 370N-CL-453
This reference publication describes the internal logic of the IBM Operating System, Initial Program Load (IPL) and Job control programs. It is intended for use by persons involved in program maintenance and by system programmers who are altering the program design. Program logic information is not needed for normal operation of the IPL and Job Control Programs. It is designed to be used as a supplement to the program listing.
Effective use of this manual requires an understanding of IBM System/370 operation and of the IBM Disk Operating System control and service programs, macro instructions, and operating procedures. Reference publications for this information are listed in the Preface of this manual.
For titles and abstracts of other associated publications, see the IBM System/360 and System/370 Bibliography, GA22-6822.
Manual, 268 pages
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GY33-8543

DOS VERSION 4 IOCS INTRODUCTION VOLUME 1 - PROGRAM LOGIC MANUAL - PROGRAM NUMBERS 370N-CL-453, 370N-IO-454, 370N-IC-455, -456, -457, -458, -477, -478
This reference publication is one of four Program Logic Manuals that describe the internal logic of the Logical IOCS (Input-Output Control System) programs for the IBM Disk Operating System. The four related Program Logic Manuals are:
Volume 1: Introduction, GY33-8543.
Volume 2: SAM for Unit Record, Magnetic Tape, and Device Independent Files, GY33-8544.
Volume 3: SAM and DAM for CASD, GY33-8545.
Volume 4: ISAM, GY33-8546.

This manual is intended for persons involved in program maintenance and for system programmers who are altering the program design. Program logic information is not necessary for the operation of the programs described.

Effective use of this publication requires an understanding of IBM System/370 operation and the Disk Operating System Assembler language and its associated macro definition language. Reference publications for this information are listed in the Preface.

For a list of associated publications and their abstracts, see IBM System/360 and System/370 Bibliography, GA22-6822.
Manual, 360 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GY33-8544

DOS VER. 4 LIOCS VOL. 2, LOGIC - PROG. NO. 370N-CL-453
370N-IO-477, 370N-IO-456, 370N-IO-478, 370N-IO-458

This reference publication is one of four Program Logic Manuals that describe the internal logic of the Logical IOCS (Input/Output Control System) programs for the IBM Disk Operating System. The four related Program Logic Manuals are:

- Volume 1: Introduction, GY33-8543.
- Volume 2: SAM for Unit Record, Magnetic Tape, Device Independent Files, GY33-8544.
- Volume 3: SAM and DAM for DASD, GY33-8545.
- Volume 4: ISAM, GY33-8546.

This manual is intended for persons involved in program maintenance and for system programmers who are altering the program design. Program logic information is not necessary for the operation of the Programs described. Therefore, distribution is limited to those with maintenance and alteration responsibilities.

Effective use of this publication requires an understanding of IBM System/370 operation and the Disk Operating System Assembler language and its associate macro definition language. Reference publication for this information are listed in the preface.

For the titles and abstracts of other related publications, refer to the IBM System/360 and System/370 Bibliography, GA22-6822.
Manual, 380 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

GY33-8545

DOS VERSION 4 LIOCS VOLUME 3-SAM AND DAM FOR DASD-
PROGRAM LOGIC MANUAL - PROGRAM NUMBERS 370N-IO-455,
370N-IO-454

This reference publication is one of four Program Logic Manuals that describe the internal logic of the Logical IOCS (Input/Output Control System) programs for the IBM Disk Operating System. The four related Program Logic Manuals are:

- Volume 1: Introduction, GY33-8543.
- Volume 2: SAM for Unit Record, Magnetic Tape, and Device Independent Files, GY33-8544.
- Volume 3: SAM and DAM for DASD, GY33-8545.
- Volume 4: ISAM, GY33-8546.

This manual is intended for use by persons involved in program maintenance and by system programmers who are altering the program design. Program logic information is not necessary for the operation of the programs described.

Effective use of this publication requires an understanding of IBM System/370 operation and the Disk Operating System Assembler language and its associated macro definition language.

Reference publications for this information are listed in the Preface.

For the titles and abstracts of other related publications, refer to the IBM System/360 and System/370 Bibliography, GA22-6822.
Program Logic Manual, 420 pages

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GY33-8546

DOS VERSION 4 LIOCS VOLUME 4 - ISAM - PROGRAM LOGIC
MANUAL - PROGRAM NUMBER 370N-IO-457

This reference publication is one of four Program Logic Manuals that describe the internal logic of the Logical IOCS programs for the IBM Disk Operating System. The four related Program Logic Manuals are:

- Volume 1: Introduction, GY33-8543.
- Volume 2: SAM for Unit Record, Magnetic Tape, Device Independent Files, GY33-8544.
- Volume 3: SAM and DAM for DASD, GY33-8545.
- Volume 4: ISAM, GY33-8546.

This manual is intended for use by persons involved in program maintenance and by system programmers who are altering the program design.

Program logic information is not necessary for the operation of the programs described.

Effective use of this publication requires an understanding of system operation, assembler language, and its associated macros.

Reference publications for this information are listed in the Preface.

For the titles and abstracts of other related publications, refer to the IBM System/360 and System/370 Bibliography, GA22-6822.
Program Logic Manual, 400 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

GY33-8547

DOS VERSION 4 SYSTEM UTILITIES - PROGRAM NUMBER 370N-UT-491
This publication describes the internal logic of the IBM DOS System Version 4 Utility programs. It is intended for use by persons involved in program maintenance and by system programmers who are altering the program design. Program logic information is not necessary for the operation of the program.

Manual, 170 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8548

OS/VS2 TSC CMMAND PROCESSOR LOGIC VOLUME II: EDIT

This publication describes the internal logic of the TSC EDIT Command Processor program. Included in this manual are discussions of the organization and method of operation of the program, tables of data layouts.

The EDIT program processes the EDIT command and subcommands, which are a part of the TSO command language. The EDIT command and its subcommands create and modify data sets.

The subcommands are:

ALLOCATE	END	INSERT	RENUM	SUBMIT
BOTTOM	FIND	Insert/Replace/Delete	RUN	TABSET
CHANGE	FORMAT	LIST	SAVE	TCP
DELFTE	HELP	MERGE	SCAN	UP
DOWN	INPUT	PROFILE	SEND	VERIFY

This manual is intended for use by persons debugging the EDIT Command Processor program, or by systems programmers who are altering the program design. It is not intended, nor is it needed for normal operation of the program.

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8551

DOS/VSE SUPERVISOR LOGIC

This reference publication describes the internal logic of the IBM Disk Operating System/Virtual Storage Extended (DOS/VSE) Supervisor and the Attention Transients. It is for persons involved in program maintenance and for system programmers altering the program design. Program logic information is not needed for normal operation of these programs. This publication is a supplement to the program listing.

Manual, 608 pages, 2/79

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8552

DOS/VSE ERROR RECOVERY AND RECORDING TRANSIENTS LOGIC

This reference publication provides general information and detail flowcharts of the Recovery and Recording Transient Programs of the IBM Disk operation System/Virtual Storage Extended. The transient programs discussed handle the recovery from and recording of device errors, machine checks and channel checks. This publication, which is a supplement to the program listing, is intended for persons involved in program maintenance and for system programmers who are altering the program design. Program logic information is not needed for normal operation of these programs.

Manual, 8 1/2 x 11 inches, 364 pages, 2/79

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8553

DOS/VSE LOGICAL TRANSIENTS AND DUMP PHASES LOGIC

This reference publication provides general logic information and detail flowcharts of the Logical Transient phases and the Dump routines of the IBM Disk Operating System Virtual Storage Extended (DOS/VSE). The transient phases discussed are: The Attention routines, the Terminator routines, the CRT Transients, the Checkpoint/Restart routines, and some special service programs.

This publication, which is a supplement to the program listing, is intended for persons involved in program service and for system programmers who are altering the program logic. Program logic information is not needed for normal operation of DOS/VSE.

Manual, 300 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8554

DOS/VSE SERVICEABILITY AIDS LOGIC

This manual describes the DOS/VSE Serviceability Aids (SDAID) programs. It is intended to help support personnel do problem determination in case of program errors. It contains the logic descriptions of the programs PDZAP, Parser, LSERV and Standalone Dump.

Manual, 8 1/2 x 11 inches, 284 pages, 2/79

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8555

DOS/VSE INITIAL PROGRAM LOAD AND JOB CONTROL LOGIC

This reference publication describes the internal logic of the IBM Disk Operating System/Virtual Storage Extended, DOS/VSE, Initial program Load (IPL) and Job Control Programs. It is intended for use by persons involved in program maintenance and by system programmers who are altering the program design. Program logic information is not needed for normal operation of the IPL and Job Control Programs. It is designed to be used as a supplement to the program listing. Effective use of this manual requires an understanding of IBM System/370 and IBM System/4300 operations and of DOS/VSE control and service programs, macro instructions, and operating procedures.

Manual, 8 1/2 x 11 inches, 392 pages, 2/79

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8556

DOS/VSE LINKAGE EDITOR LOGIC

This publication describes the internal logic of the IBM Disk Operating System/Virtual Storage Extended (DOS/VSE) linkage editor program. It is intended for use by persons

involved in program maintenance and by system programmers who are altering the program design. Program logic information is not needed for normal operation of the linkage editor program. It is a supplement to the program listing. Effective use of this manual requires an understanding of IBM System/370 operation and of IBM DOS/VSE control and service programs, macro instructions, and operating procedures.

Manual, 8 1/2 x 11 inches, 128 pages, 2/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8557

DOS/VSE LIBRARIAN LOGIC

This reference publication describes the internal logic of the IBM Disk Operating System/Virtual Storage Extended (DOS/VSE) Librarian Organization, Maintenance, and Service Programs. Persons involved in program maintenance and system programmers should use this manual when altering the program design. Program logic information is not needed for normal operation of the librarian programs, but is to be used as a supplement to the program listing. Effective use of this manual requires an understanding of IBM System/370 operation and of IBM DOS/VSE control and service programs, macro instructions, and operating procedures.

Manual, 8 1/2 x 11 inches, 256 pages, 2/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8558

DOS/VSE SYSTEM UTILITIES LOGIC

This publication describes the internal logic of the IBM DOS/VSE System Utility Programs. It is needed for use by persons involved in the program maintenance and by system programmers who are altering the program design. Program logic information is not necessary for the operation of the programs.

Manual, 8 1/2 x 11 inches, 656 pages, 2/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8559

DOS/VSE LIOCS VOLUME 1, GENERAL INFORMATION AND IMPERATIVE MACROS LOGIC

This reference publication is the first of four Logic Manuals that describe the internal logic of the Logical IOCS (Input/Output Control System) programs for the IBM Disk Operating System/Virtual Storage. The four related Logic Manuals are:

- Volume 1: General Information and Imperative Macros, SY33-8559
- Volume 2: SAM, SY33-8560
- Volume 3: DAM and ISAM, SY33-8561
- Volume 4: VSAM, SY33-8562

This manual is intended for use by persons involved in program maintenance and by system programmers who are altering the program design. Program logic information is not necessary for the operation of the programs described.

Effective use of this publication requires an understanding of IBM System/370 operation and the DOS/VSE Assembler language and its associated macro definition language. Reference publications for this information are listed in the front of the manual.

For titles and abstracts of other related publications, refer to the IBM System/360 and System/370 Bibliography, GA22-6822, and the IBM System/370 Advanced Function Bibliography, GC20-1763.

Manual, 256 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8561

DOS/VSE LIOCS VOLUME 3 DAM AND ISAM LOGIC

This reference publication is the third of four Logic Manuals that describe the internal logic of the Logical IOCS (Input/Output Control System) programs for the IBM Disk Operating System/Virtual Storage. The four related Logic Manuals are:

- Volume 1: General Information and Imperative Macros, SY33-8559
- Volume 2: SAM, SY33-8560
- Volume 3: DAM and ISAM, SY33-8561
- Volume 4: VSAM, SY33-8562

This manual is intended for use by persons involved in program maintenance and by system programmers who are altering the program design. Program logic information is not necessary for the operation of the programs described.

Effective use of this publication requires an understanding of IBM System/370 operation and the DOS/VSE Assembler language and its associated macro definition language. Reference publications for this information are listed in the front of the manual.

Manual, 354 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8562

DOS/VSE LIOCS VOLUME 4: VSAM LOGIC

This publication and the listing documentation (module prologues and comments) describe the internal logic of the DOS/VSE Virtual Storage Access Method (VSAM).

The intended audience is a person involved in program maintenance or a system programmer who is altering the program design. Logic information is not necessary for the operation of the programs described.

This manual and the listing documentation should be

viewed as a maintenance set. The listings describe the internal logic of the modules, and the manual shows what the functions of DOS/VSE VSAM are and how the modules work together to carry out those functions. Prerequisite publications:

- o DCS/VSE Data Management Guide, GC33-5372, which describes DOS/VSE VSAM data management.
- o DCS/VSE Supervisor and I/O Macro Instructions, GC33-5373, which tells how to code DOS/VSE VSAM macro instructions
- o DCS/VSE LIOCS Volume 1: General Information and Imperative Macros Logic, SY33-8559 contains brief descriptions of how DOS/VSE open, close, and end-of-volume routines interact with DCS/VSE VSAM.

MANUAL, 720 PAGES

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8564

DOS/VSE ACCESS METHOD SERVICES LOGIC

This book describes the internal logic of the routines of Access Method Services and provides diagnostic information. This information is directed to maintenance personnel and development programmers who require an in-depth knowledge of the program's design, organization, and data areas. It is not required for effective use of Access Method Services.

Manual, 8 1/2 x 11 inches, 600 pages, 5/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8566

DOS/VSE POWER RJE PROGRAM LOGIC

The Program Logic Manual describes the internal design or logic of the subject program. This manual is intended for persons involved in program maintenance and for system programmers who are altering the program design. Program logic information is not necessary for the operation of the program; therefore, distribution of this publication is limited to persons with maintenance and alteration requirements.

Manual, 230 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8567

DOS/VSE ASSEMBLER LOGIC

This manual aids Programming Systems Representatives and system programmers involved in maintenance circumvent and/or fix faults in the DOS/VSE Assembler and the DOS/VSE 3705 Assembler. It describes the structure, logic, and operation of the assembler. It provides information on how the assembler works functionally (this is illustrated through method-of-operation diagrams); how the program is divided into units; control and data flow between phases; allocation of main storage; detailed layouts of data areas; I/O activity and workfile layouts; register usage; debugging hints; and appendixes with related reference material.

The modifications made to certain phases of the DOS/VSE Assembler in order to produce the DOS/VSE 3705 Assembler are described in Appendix K.

Manual, 390 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8568

DOS/VSE OLTEP LOGIC

This reference publication describes the internal logic of the IBM Disk Operating System, On-Line Test Executive Program (OLTEP). It is for persons involved in program maintenance and programmers who are altering the program design.

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8571

DOS/VSE HANDBOOK

This manual provides a summary for DOS/VSE SCP information for persons involved in program service activities. It contains among others: The System/370 instruction set, a summary of JCL and librarian control statements, DTF tables, tape/DASD label formats, control blocks and areas of the supervisor, service aids.

Manual, 400 pages, 6/79

///5745-020

SY33-8572

DOS/VSE HANDBOOK VOLUME 2

This manual is a supplement to the DOS/VSE Handbook, SY33-8571. It contains information about POWER/VSE and VTAM.

Manual, 192 pages

///5745-010

SY33-8573

1401/1440/1460 DOS/VSE EMULATOR ON SYSTEM/370 LOGIC PROG PROD 5747-CC3

This publication describes the internal logic of the IBM 1401/1440/1460 Emulator program. The emulator runs as a problem program under control of the IBM Disk Operating System/Virtual Storage (DCS/VSE) on the system/370 Model 115, 125, 135, 135-3, 138, 145, 145-3, 148, 155-II, or 158, equipped with the appropriate compatibility feature. This publication is intended for those responsible for emulator program maintenance.

Manual, 8 1/2 x 11 inches, 348 pages, 4/77

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8574

1410/7010 DOS/VS EMULATOR ON SYSTEM/370 LOGIC
PROG PROD 5747-CC3

This publication describes the internal logic of the IBM 1410/7010 Emulator Program. The emulator runs as a problem program under control of the IBM Disk Operating system/Virtual storage (DOS/VS) on the system/370 Model 145, 145-3, 148, 155-II, or 158, equipped with the appropriate compatibility feature.

This publication is intended for those responsible for emulator program maintenance.

Manual, 8 1/2 x 11 inches, 4/77

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8575

MODEL 20 DOS/VS EMULATOR ON SYSTEM/370 LOGIC

Volume 1 of this manual describes the internal logic of the IBM System/360 Model 20 Emulator program. The emulator runs as a problem program under control of the IBM Disk Operating system/Virtual Storage (DOS/VS) on the system/370 Model 115, 125, 135, 135-3, or 138, equipped with the Compatibility Feature #7520.

Volume 2 of this manual describes the internal logic of the data interchange program. The data interchange program converts files in Model 20 emulator format to files accessible by DOS/VS programs, and vice versa.

This publication is intended for those responsible for emulator program maintenance.

Manual, 8 1/2 x 11 inches, 355 pages, 4/77

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8576

DOS/VS POWER/VS LOGIC PART 1

No abstract available.

Manual, 244 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8577

DOS/VS POWER/VS LOGIC PART 2

This reference publication, which should be used together with DOS/VS POWER/VS Logic Part 1, SY33-8576, describes in detail the internal logic of all DOS/VS POWER/VS phases (including the RUE, SNA modules) in the form of detailed charts and HIPOs.

The manual is intended for persons involved in program maintenance and for system programmers altering the program design.

Manual, 820 pages, 5/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

LY33-9062

DOS/VS RPG II LOGIC, PROG PROD 5746-RG1

The manual describes the logic of the DOS/VS RPG II compiler, the generated object program, the formatted dump program, the Auto Report, the DOS/VS RPG II Translator for batch DL/I DOS/VS requests, and the Interactive Source Entry Program.

The manual is intended primarily for persons who are concerned with program service activities for DOS/VS PRGII.

The manual is intended primarily for persons who are concerned with program service activities for DOS/VS RPG II.

Manual, 8 1/2 x 11 inches, 540 pages, 4/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-9063

SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS SUPERVISOR LOGIC, 5746-XE2

The publication provides replacement and/or supplementary pages for the DOS/VS Supervisor Logic. These pages, when incorporated in the DOS/VS publication, document the use of the facilities available with Advanced Functions - DOS/VS.

Manual, 8 1/2 x 11 inches, 190 pgs, 4/77

////5746-SUP,5746-AIT,5746-XE2

LY33-9064

SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS LOGICAL TRANSIENTS LOGIC, 5746-XE2

The publication provides replacement and/or supplementary pages for the DOS/VS Logical Transients Logic. These pages, when incorporated in the DOS/VS publication, document the use of the facilities available with Advanced Functions - DOS/VS.

Manual, 8 1/2 x 11 inches, 56 pgs, 4/77

////5746-AIT,5746-XE2,5746-DOC

LY33-9065

SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS SYSTEM SERVICEABILITY LOGIC, 5746-XE2

This supplement contains changed pages for DOS/VS Serviceability Aids Logic, SY33-8554-3 for Advanced Functions - DOS/VS, Release 34. It describes support for asynchronous operation communication and for up to seven partitions.

Manual, 8 1/2 x 11 inches, 50 pgs, 4/77

////5746-PDA,5746-XE2

LY33-9066

SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS

IPL & JOB CONTROL LOGIC, 5746-XE2

This supplement contains changed pages for DCS/VS IPL and Job Control Logic, SY33-8555-3 for Advanced Functions - DOS/VS, Release 34. It describes support for up to seven partitions and Library Device Independence.

Manual, 8 1/2 x 11 inches, 38 pgs, 4/77

////5746-IPL,5746-JCL,5746-XE2

LY33-9067

SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS

LINK EDIT LOGIC, 5746-XE2

This supplement contains changed pages for DCS/VS Linkage Editor Logic, SY33-8556-2 for Advanced Functions - DCS/VS, Release 34. It describes support for up to seven partitions, Library Device Independence, and Fast Linkage Editor.

Manual, 8 1/2 x 11 inches, 26 pgs, 4/77

////5746-LNK,5746-XE2

LY33-9068

SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS

LIBRARIAN LOGIC, 5746-XE2

This supplement contains changed pages for DOS/VS Library Logic, SY33-8557-3 for Advanced Functions - DOS/VS, Release 34. It describes support for up to seven partitions, Library Device Independence, and VM linkage enhancements.

Manual, 8 1/2 x 11 inches, 90 pgs, 4/77

////5746-L8R,5746-XE2

LY33-9069

SUPPLEMENT FOR ADVANCED FUNCTIONS TO DCS/VS

SYSTEM UTILITIES LOGIC, 5746-XE2

This supplement contains changed pages for DCS/VS System Utilities Logic, SY33-8558-1 for Advanced Functions - DOS/VS, Release 34. It describes the format of the Options table and the Hardcopy record for seven partitions.

Manual, 8 1/2 x 11 inches, 6 pgs, 4/77

////5746-UTL,5746-XE2

LY33-9070

SUPPLEMENT TO SY33-8571 ADVANCED FUNCTION - DOS/VS

This manual is the first in a series of two volumes. The reference information contained in these two manuals is provided as a DOS/VS serviceability aid and is, therefore, a summary of other DOS/VS documentation. These manuals are intended for use by persons involved in program support. Contents include:

Chapter I: System/370 General Information

Chapter II: DCS/VS General Information

Chapter III: DOS/VS IOCS (General, SAM, LAM, ISAM)

Chapter IV: DOS/VS Supervisor Control Blocks and Areas

Chapter V: DCS/VS Service Aids

Manual, 8 1/2 x 11 inches, 38 pgs, 6/77

////5746-XE2

SY33-9079

DOS/VSE MAINTAIN SYSTEM HISTORY PROGRAM (MSHP) 5745-020

This publication describes the internal logic of the IBM Disk Operating System/Virtual Storage Extended (DOS/VSE) Maintain System History Program (MSHP). It is intended for use by persons involved in program maintenance and by system programmers who are altering the program design. Program logic information is not needed for normal operation of the program. It is a supplement to the program listing.

Manual, 8 1/2 x 11 inches, 456 pages, 2/79

SLSS - ORDER NO. SUBSCRIPTION ONLY

LY33-9082

1401/1440/1460 EMULATOR, LIC PROG 5746-SU1 LOGIC

The publication describes the organization and logic of the IBM Systems 1401/1440/1460 Emulator Program, which can be used to emulate an IBM System 1401, 1440, or 1460 on a central processor with Extended Control Program Support: DOS/VSE (ECPs:VSE), such as the IBM 4331. The program operates under control of DOS/VSE, Release 34 of DOS/VS, or DOS Release 26.

The publication is intended primarily for persons who are responsible for servicing the program.

Manual, 360 pages, 1/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GY34-0019

DISTRIBUTED INTELLIGENCE SYSTEM OS/VS1: LOGIC, PROG. NC.

5744-BK1

The manual contains the logic of the Distributed Intelligence System program. This program controls System/7s that are satellite-connected to a host System/370. This network of systems permits mutual sharing of System/370 resources and System/7 sensor-based control capabilities. The manual is written for program support personnel who have a working knowledge of MSP/7 and OS/VS1 control programs.

Manual, 850 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY35-0003

OS/VS1 CATALOG MANAGEMENT LOGIC

This publication describes the internal logic of the catalog management routines in OS/VS. This information is directed to maintenance personnel and development programmers who require an in-depth knowledge of the program's design, organization, and data areas. It is not required for effective use of catalog management facilities.

The reader should be familiar with general programming techniques, OS/VS concepts, and the IBM System/370 before reading this book.

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY35-0004

OS/VS2 TSO COMMAND PROCESSOR LOGIC VOLUME III: TEST

REL 2, 3, 3.6; WITH SN28-2629, REL 3.7

This publication describes the internal logic of the OS/VS2 TSO TEST command processor. The TEST command processor allows a terminal user to test an assembly language problem program.

This publication contains text introductions, method-os-operation diagrams, flowcharts, data area layouts, program organization descriptions, and a module directory.

This publication is written for persons who maintain or modify TSO; it is not required by persons who use TSO to process programs or who write programs that are processed by TSO.

Manual, 232 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY35-0005

OS/VS UTILITIES LOGIC

This publication describes the internal logic of the utility programs provided for OS/VS. It contains flowcharts of the programs, figures showing the formats of the major tables and records, and an appendix that lists the modules of the utility programs.

The manual is intended for persons involved in program maintenance, and system programmers who are altering the program design. Program logic information is not necessary for the use and operation of the program.

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY35-0008

OS/VS1 ACCESS METHOD SERVICES LOGIC

This book describes the internal logic of the routines of Access Method Services and provides diagnostic information. This information is directed to maintenance personnel and development programmers who require an in-depth knowledge of the program's design, organization, and data areas. It is not required for effective use of Access Method Services.

You should be familiar with general programming techniques, OS/VS VSAM concepts and use, and System/370 before turning to this publication.

Logic Manual, 360 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY35-0010

OS/VS2 ACCESS METHOD SERVICES LOGIC

This book describes the internal logic of OS/VS2 Access Method Services routines and provides diagnostic information. This information is directed to support personnel and development programmers who require an in-depth knowledge of the program's design, organization, and data areas. The book is not required for effective use of Access Method Services.

Manual, 486 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY35-0011

OS/VS2 CVOL PROCESSOR LOGIC

This book describes the internal logic of the CVOL Processor and provides diagnostic information. This information is directed to maintenance personnel and development programmers who require in-depth knowledge of the design organization and data areas. It is not required for effective use of the CVOL Processor.

Manual, 112 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY35-0012

OS/VS1 MASS STORAGE SYSTEM COMMUNICATOR (MSSC) LOGIC

This book describes the logic of OS/VS1 Mass Storage System Communicator (MSSC) routines and provides diagnostic information. This information is for support personnel who require an in-depth knowledge of MSSC's design, organization and data areas.

Manual, 215 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY35-0013

OS/VS2 MASS STORAGE SYSTEM COMMUNICATOR (MSSC) LOGIC

This book describes the logic of OS/VS2 Mass Storage System Communicator (MSSC) routines and provides diagnostic information. This information is for support personnel who require an in-depth knowledge of MSSC's design, organization, and data areas.

Manual, 234 pages

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SY35-0014

OS/VS MASS STORAGE CONTROL (MSC) TRACE REPORTS LOGIC

This book describes the internal logic of the Trace Report Programs and provides diagnostic information. This information is directed to Maintenance Personnel and Development Programmers who require an in-depth knowledge of the Program's Design, Organization, and Data Areas. It is not required for effective use of the Trace Reports Program. Pre-requisite Publications are:

OS/VS Mass Storage System (MSS) Services for Space

Management, GC35-0012.

IBM 3850 Mass Storage System (MSS) Installation Guide.

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY35-0015

OS/VS MASS STORAGE SYSTEM (MSS) SERVICES LOGIC

This book describes the internal logic of the function support routines (FSRs) that support the mass storage system and provides diagnostic information.

This information is directed at support personnel and development programmers who need an in-depth knowledge of the function support routines (FSRs) design, organization, and data areas.

Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY35-0016

OS/VS MASS STORAGE CONTROL (MSC) TABLE CREATE LOGIC

This book describes the internal logic of the Mass Storage Control Table Create Program. The information in the book is directed to Maintenance Personnel and Development programmers who require an in-depth knowledge of the program's design, organization, and data areas. It is not required for effective use of the Table Create Program.

Prerequisite Publication is:

OS/VS Mass Storage Control Table Create, GC35-0013.

Manual, 34 pages

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LY35-0026

OS/VS2 MVS HIERARCHICAL STORAGE MANAGER LOGIC PROGRAM NUMBER 5740-XRB

This publication describes the logic of the Hierarchical Storage Manager (a Program Product). The Hierarchical Storage Manager is a tool to help manage online storage in an OS/VS2 MVS environment. The audience for this publication is support personnel who require an in-depth knowledge of the Hierarchical Storage Manager's design, organization, and data areas.

Manual, 8 1/2 x 11 inches, 400 pages, 1/78

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY35-0028

IMS/VS DATA BASE RECOVERY CONTROL FEATURE, LIC PROG 5740-XX2, LOGIC

This book describes the logic of the programs that comprise the IMS/VS Data Base Recovery Control Feature. The book is intended to be used as a reference book by customer system programmers and IBM programming support personnel who are responsible for maintenance of the feature.

Manual, 8 1/2 x 11 inches

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY35-0029

OS/VS MSS DATA ANALYZER LOGIC

The System Data Analyzer Program uses the System/1 Logic Data Set Information as input and generates statistical data about Mass Storage System errors. The statistical data is in the form of reports.

This Manual contains program logic.

Manual, 3/78

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY35-0030

DEVICE SUPPORT FACILITIES - LOGIC, SUID 5752-884

Describes the internal logic of the Device Support Facilities Program. The customer engineer uses this manual to find where to go in the program listings when he encounters a problem in the program.

Manual, 8 1/2 x 11 inches, 40 pages, 9/78

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY35-0032

OS/VS MASS STORAGE SYSTEM, SCP 5741-SCI-DS

No abstract available.

Manual, 52 pages, 8/78

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY38-3020

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM)DIAGNOSTIC TECHNIQUES, LIC PROG 5746-RC3, RELEASE 2

This publication describes an approach to diagnosing ACF/VTAM problems and presents guidelines, tools, and information needed by program support representatives and system programmers to maintain system and application

programs that use ACF/VTAM. The primary purposes of this publication are to:

- Provide information to enable the reader to use ACF/VTAM diagnostic facilities
- Summarize operating system serviceability aids described in other publications.

Pre-requisite publications for this manual are ACF/VTAM General Information: Concepts, and ACF/VTAM Installation. Manual, 8 1/2 x 11 inches, 250 pages, 4/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY38-3021

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM)
RELEASE 2, LIC PROG 5746-RC3 (DOS/VSE), 5735-R62
(OS) LOGIC: OVERVIEW

This manual is intended for maintenance personnel to obtain an overview of ACF/VTAM Logic for purposes of maintaining the program product at an operation level.
Manual, 8 1/2 x 11 inches, 125 pages, 3/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY38-3022

ACF/VTAM LOGIC: BASE SYSTEM VOLUME 1 METHOD OF OPERATIONS
ACF/VTAM RELEASE 2, LIC PROG 5746-RC3

This manual is the second part of a three part description of the logic of ACF/VTAM for DOS/VSE. Part one is the manual ACF/VTAM Logic: Overview, and part three is the manual ACF/VTAM Logic: Base System Volume 2 - Program Organization and Module Directory. The three manuals are intended primarily to help IBM program systems representatives quickly locate failures in the access method. This manual contains method-of-operation diagrams that describe the ACF/VTAM components in sufficient detail for the reader to be able to identify the module that performs a particular operation.
Manual, 8 1/2 x 11 inches, 4/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY38-3023

ADVANCED COMMUNICATIONS FUNCTION FOR BTAM (ACF/VTAM)
LOGIC: MULTISYSTEM NETWORKING FACILITY, LIC PROG
5746-RC3, 5735-RC2, RELEASE 2 FEATURE 6059
(DOS/VSE), 6009 (OS/VSE)

This manual describes the logic of the Multisystem Networking Facility, an optional feature of ACF/VTAM. It contains introductory information, method-of-operations diagrams, program organization control flows, module synopses, and a module directory. These sections correspond to sections in the base ACF/VTAM logic, and cross reference information is provided throughout.
Manual, 8 1/2 x 11 inches,
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY38-3024

ACF/VTAM LOGIC: BASE SYSTEM VOLUME 2 PROGRAM ORGANIZATION
AND MODULE DIRECTORY ACF/VTAM RELEASE 2,
LIC PROG 5746-RC3 (DOS/VSE)

This manual is the third part of a three part description of the logic of ACF/VTAM for DOS/VSE. The first part is the manual ACF/VTAM Logic: Overview and the second part is the manual ACF/VTAM Logic: Base System Volume 1, Method of Operation. The three manuals are intended primarily to help IBM program systems representatives quickly locate failures in the access method. This manual contains program organization information consisting of control flow diagrams and module synopses and module directory, that is a cross reference table that lists every ACF/VTAM module, its phase name, entry point, and the numbers of the MO diagrams in which it appears.
Manual, 8 1/2 x 11 inches, 4/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY38-3026

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ADF/VTAM)
RELEASE 2 DATA AREAS, LIC PROG 5746-RC3, (DOS/VSE)

This manual is intended for maintenance personnel to diagnose or maintain ACF/VTAM Release 2 installed on a DOS/VSE operating system. The control blocks described are used to map areas of ACF/VTAM Release 2. This manual should be used in conjunction with the Logic Overview and Base System Logic manuals for the appropriate operating system (DOS/VSE).
Manual, 8 1/2 x 11 inches, 550 pages, 3/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

S2C0-0021

DOS/VSE EARLY WARNING MICROFICHE

Early Warning information consists of the most current available service information, which has been extracted from the RETAIN system and reproduced on microfiche.
Microfiche
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S2C0-0031

EARLY WARNING MICROFICHE - OS/VSE

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S2C0-0051

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2025 AND LARGER FILE CARD

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S2C0-0351

EARLY WARNING, UNIQUE WORLD TRADE, GENERAL INFORMATION

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S2C0-2003

WORLD TRADE EARLY WARNING PROGRAMMING SYSTEMS

Early Warning Microfiche consists of the most current service information available which has been extracted from the RETAIN system and reproduced on microfiche.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

S232-0003

IBM 3420 OPERATOR'S GUIDE

No abstract available.
Card, 3 flap fold out
SLSS - ORDER NO. SUBSCRIPTION ONLY

G232-0004

3410/3411 OPERATOR'S GUIDE

This card provides customers and machine room personnel basic operating instructions and reference data for 3410/3411 magnetic tape units. Subjects include tape handling procedures, recovery actions after loading failures, and functions of indicators and pushbuttons.
Reference Card (Summary), 2 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

G310-0012

IBM MARKETING PUBLICATIONS KWIC INDEX/EFFECTIVE
DECEMBER 1977

This catalog lists publications available for distribution or sale to users of IBM data processing products and services. Included are technical publications, briefs, photographs, educational materials, advertising brochures, and periodicals. Materials related to the maintenance of IBM products are in the IEM Customer Engineering KWIC Index, GY19-0010-9.
Manual, 8 1/2 x 11 inches, 282 pages, 12/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-1238

S/360 - S/370 MCGILL UNIVERSITY SYSTEM FOR INTERACTIVE
COMPUTING GENERAL INFORMATION MANUAL - PROGRAM NUMBER
5796-AAT

MUSIC is a time-sharing system that offers a wide variety of facilities in a cost effective environment. It offers many languages and features normally found in larger systems. By combining the full functions of multiple languages and interactive capabilities with demonstrable dependability MUSIC has proved to be a multipurpose high-performance system suitable for many types of operations, particularly in the Educational Area. For instance, it is currently being used by large city-wide school and university installations in addition to commercial and governmental organizations.

This manual provides the necessary information to market the time-sharing system. It includes configuration support and descriptions of the functions provided.

Manual, 20 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-1244

CUSTOMER EDUCATION COURSE CATALOG

This three-section catalog has been prepared to provide users of IEM data processing equipment with information on the various courses, curriculums, and education materials available to them through IEM Customer Education.

- GENERAL INFORMATION: This covers basic enrollment information, terms and conditions of education programs and agreements, location of various education centers and availability of special purpose programs such as
 - o Time payments
 - o On-site courses
 - o Tailored courses [(RPQ) Request Price Quotation]
 - o Computerized education configurators
 - o Education Consulting Services
- EDUCATION PLANNING GUIDES: Since it is advantageous to develop an overall education plan that is in line with application implementation or personnel requirements, these flow chart aids have been developed to help the user match the curriculum with his requirements. In this fashion, the user should be able to project his education schedule with the related tuition for budgetary purposes.
- DETAILED COURSE DESCRIPTIONS: This section contains the courses offered to users of IBM data processing equip-

ment. The descriptions cover the intended audience, as well as other relevant information. The descriptions have been written to give the reader as much detail as possible to help him select the proper course(s) from the broad spectrum offered.

As can be seen in the Table of Contents, the courses are cross-indexed in three sequences, alphabetic, course code and curriculum.

This catalog obsoletes the following publications in the "IBM Education ... a course of action" series, also known as Course Selection Guide modules.

G520-2327 Systems Science Education
 G520-2329 The Operating System
 G520-2330 DOS/TOS
 G520-2334 1130-1800-System/7
 G520-2335 S/360 Model 20 and Unit Record
 G520-2336 Industry Applications
 G520-2469 Operating System Curriculum Planning
 Catalog, 650 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-1408

S/370 MCGILL UNIVERSITY SYSTEM FOR INTERACTIVE COMPUTING (MUSIC) RELEASE 2: IUP 5796-AAT NOTICE

A new release of the MUSIC Timesharing System is now available. It contains significant new system support for S/370 Models 125, 158, 165 and 168, including 3330/3333 Model II, 3704/3705, enhancements to BASIC and APL workspace support. In addition, its interface to VM/370 has been improved to provide more efficient operation when running in a virtual machine under VM/370 control. Programming services have been extended until December 31, 1974. MUSIC offers a high performance and high function timesharing facility previously unavailable to the low entry System/370 user.

Notice, 6 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-1523

DBPROTOTYPE (5796-PBB), IMSMAP (5796-PBC), PLIMS (5796-PBF), BTS (5796-PBD), TEST IMS UTILITIES (5796-PBE) ARE NOW READY FOR SHIPMENT AVAILABILITY NOTICE

Five IMS Version 2.3 Productivity Aids - DBPROTOTYPE for Data Base Design, IMSMAP for Data Base Structure Mapping and Documentation, PLIMS for IMS application programming, BTS and TEST IMS UTILITIES for IMS application testing, now available for shipment from PID are described. These five IUP's have been developed and used by IBM internal installations to support the design, development, testing, and documentation of IMS data bases and application programs.

Notice
 SLSS - ORDER NO. SUBSCRIPTION ONLY ,5796-PBD

G320-1529

3270 FORMATTING FEATURE FOR BATCH TERMINAL SIMULATOR IUP 5796-PBD - NOTICE

This notice is intended to inform the potential user about the program and that it has been released. The 3270 Formatting Feature is an expansion of the Batch Terminal Simulator IUP (5796-PBD); which is described in Availability Notice G320-1523. BTS allows IMS batch, batch message and message processing programs to be tested without having teleprocessing hardware installed. The addition of the 3270 Formatting Feature provides the ability to test applications using the IMS Message Formatting Service (MFS) without the use of 3270 hardware. This means that development of new online applications, or conversion of batch programs for online use, can proceed while still in the batch only test/development mode.

Flyer, 7 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-1530

TEST DATA GENERATOR FOR SYSTEM/370 - IUP 5796-PBF - NOTICE

This notice is designed to inform potential users about the program and that it has been released. Test Data Generator constructs data used in testing an application program. The user describes the characteristics of the data and supplies the "seed" for a random number generator; the program constructs test files containing randomly generated data and optionally gives the user a data for testing the logic of application programs should provide savings by not having to prepare test data manually, thus reducing programming time and eliminating the heavy volume of keypunching normally required to establish test files. It should also provide less biased data for the actual test. Frequently, it can eliminate or postpone the writing and testing of data file load programs.

Release Notice, 16 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-1532

DATA COMMUNICATION ANALYZER FOR IMS DB/DC (DCANALYZER): IUP 5796-PCA NOTICE

The Data Communication Analyzer (DCANALYZER) program is designed to assist the user in evaluating design alternatives for IMS data base/data communication systems. It produces relative data on service times and throughput of

transactions processed on iterative runs of DCANALYZER under varying design combinations. The user can analyze and compare this data to select the design best suited to his needs.

This notice is intended to inform potential users about the program and that it has been released.

Release Notice
 SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-1535

DB PROTOTYPE/VS - IUP 5796-PCY, RELEASE NOTICE

DBPROTOTYPE/VS is a design evaluation tool which enables the IMS/VS user to create model data bases and skeletal application programs to run against these data bases. By analyzing the performance data obtained from successive runs utilizing different design parameters, the user can select the system design best suited to his needs.

The value of this prototype approach to design is that it enables the user to study the effects of various design alternatives prior to expending resources in implementation. Programming for new or changing applications and data bases can follow with a higher level of confidence for success without costly rework caused by poor design.

DBPROTOTYPE/VS operates with IMS/VS. It extends the capabilities of DBPROTOTYPE (IUP 5796-PBB) to support IMS/VS features and incorporates improvements in the existing functions of DBPROTOTYPE. DBPROTOTYPE is prerequisite for DBPROTOTYPE/VS.

Flyer
 SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-1538

IMSMAP/VS - IUP 5796-PCY, RELEASE NOTICE

The Installed User Program IMSMAP/VS is a documentation aid which produces pictorial representations of data base structures. These maps, which are produced on a line printer, graphically represent the many characteristics of an IMS/VS data base. In addition to producing maps, IMSMAP/VS can print a detailed report describing the characteristics of each data description (DED).

IMSMAP/VS is an extension of the currently available IUP, IMSMAP (5796-PBC). IMSMAP is a prerequisite for IMSMAP/VS. IMSMAP/VS provides both support for IMS/VS data bases and additional features not available in the original IMSMAP IUP.

Flyer
 SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-1540

TEST IMS/VS UTILITIES - IUP 5796-PDA, RELEASE NOTICE

The Test IMS/VS Utilities were developed to aid in testing and checking out application program code by automating the functions of organizing, displaying and comparing test data. If performed manually, these functions can consume a large portion of customer programming manpower. This set of programs can assist the programmer in effectively managing his test data and more rapidly evaluating test results.

Test IMS/VS Utilities, offered as an enhancement of Test IMS Utilities, provides support for IMS/VS data bases and adds new functions to Test IMS Utilities. Test IMS Utilities (5796-PBE) is a prerequisite for the Test IMS/VS Utilities.

Flyer
 SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-1542

JOB CONTROL LANGUAGE EDITOR - IUP 5796-PDC, NOTICE

This Document announces availability of the Job Control Language Editor which brings to the batch user of OS MPT/MVT/VS1/VS2 text editing capability for Job Control Language (JCL) changes. This IUP can expedite conversion efforts involving JCI modifications such as converting from OS to VS or from one I/O device to another.

Flyer, 6 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-1544

INTERACTIVE QUERY AND REPCRT PROCESSOR (IQR) - IUP 5796-PDG, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The Interactive Query and Report Processor (IQR) enables the end user to interact, from a terminal, directly with files of interest to him using a free form set of commands which can be easy to learn. IBM experience with predecessor systems indicates that providing this type of query and reporting facility to the end user potentially constitutes a significant productivity enhancement and can permit a wide variety of applications to be implemented without traditional programming.

The key to IQR's value in permitting the end user to generate interactively his own applications is a simple, flexible, non-procedural, powerful set of commands. Use of IQR predecessor systems within IBM has demonstrated that clerks, managers, administrative personnel, technical staff and production workers can quickly learn to use the IQR query terms.

Availability Notice
 SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-1561

ENTERING AN SLSS SUBSCRIPTION

The new (1979) edition of this publication on SLSS (System Library Subscription Service) is a brief but lucid and comprehensive description of SLSS useful for either introduction or review.

SLSS is an essential but optional customer service, the worldwide publication distribution service which causes the required documentation supporting IBM systems to be shipped to all IBM customers as well as to IBM users and many others who have a validated interest in receiving IBM publications. Brief, 16 pages, 8/79

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-1621

IBM MARKETING PUBLICATIONS KWIC INDEX

This catalog indexes the titles and lists the prices of customer publications, including all those for system libraries and many other marketing publications, such as application briefs, educational and promotional literature, cassettes, videotapes, periodicals and photographs.

All titles are KWIC (keyword in context) titles. KWIC is an abbreviating retrieval system in which titles are expressed in no more than 30 characters and each such title is indexed under each practical keyword.

Among such keywords is #SUP, which creates a numerically-sorted listing of all System Library Supplements (applying to Selectable Units and certain licensed programs) released before the edition date.

Conversely, Supplements applying to a given base number and edition may be found under that base number, where it appears in the title index as a keyword.

Similarly, those requiring the pseudonumbers for specific back editions (supporting prior releases of programs) will find them listed in the title index under the actual base order number.

Materials for the maintenance of IBM products are in the Customer Engineering KWIC Index, GY20-0073. Index, 344 pages, 8/79

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-4267

APL APPLICATION PROGRAMS - REFERENCE SUMMARY

This reference card lists the available APL application programs and some associated publications.

Fanfold reference card, 3 1/2 x 8 1/8 inches, 6 panels, 2/78

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5534

VM/370 GRAPHIC MONITOR, IUP 5796-PDT, NOTICE

This document tells potential customers about use of the VM/370 Graphic Monitor.

The primary objective of the system is to display realtime information on the activity taking place in the VM/370 system. For example, the system would allow the user to observe and, if necessary, react to adverse loop situations that could degrade the overall system. Features of the program are extensive and include screen formats that show:

- o System utilization which provides a histogram of CPU utilization of the VM/370 system over an 80 minute span of time. This screen will also display numeric data for the last interval and hour.
- o User utilization of system resources. This screen shows the individual user's utilization of CPU, I/O and paging. This screen allows systems personnel to immediately determine users having detrimental utilization rates.
- o Dual control - The system can be controlled either by the virtual machine console or a selected control 3270 local. This feature allows the systems personnel to select the screen formats desired and to suppress those not desired.
- o Print file - a virtual spool file is created which contains VM/370 data as specified by the user. This information may also be retained as a disk file under the Conversational Monitor System.
- o The 168 console is supported as a display device as well as 3270 locals. This support is provided as dedicated devices attached directly to the VM/370 Graphic Monitor.

Systems personnel can instantly visualize the manner of distribution of the VM/370 system resources and take any corrective action deemed necessary.

Release notice, 6 pages, 11/75

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5537

AUTOMATED UNIT TEST, IUP 5796-PEB, 5796-PEC, NOTICE

This document contains information about use of Automated Unit Test (AUT), a productivity aid which can be used by a programmer to drive test cases through a unit of code for internal interface testing, monitor execution of the test cases, verify whether the tests were successful, and provide diagnostic information about discrepancies. Because it also provides the capability to simulate uncoded or uncompleted units of code or entire modules while driving the test cases, AUT promotes the use of top-down design or development - a technique used by many to help improve the quality and reliability of code.

Release notice, 8 pages, 9/75

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5539

VS/REPACK, IUP 5796-PDZ, NOTICE

This document contains information about use of the VS/REPACK Installed User Program (5796-PDZ), a tool to help in improving the performance of individual user programs running in a virtual storage environment. In particular, VS/REPACK provides facilities for recording, displaying, and analyzing virtual storage reference data which can enable the user to reduce program working set size in order to decrease overall system paging. The VS/REPACK developers have used these facilities to reduce the paging rate of specific applications in their installation in the range of one-half to two-thirds. The improvements that can be obtained using VS/REPACK may vary widely depending upon the nature of the application and the system environment.

HIGHLIGHTS

The VS/REPACK system can assist the programmer in:

- o Reordering the CSECTS for improved program performance
- o Reducing the wasted space
- o Interactive testing of assumptions without recording, relinking or rerunning
- o Graphically displaying program activity
- o Debugging program logic errors related to abnormal sequencing of storage references
- o Confining a program's address space references to fewer pages for extended periods of time

SYSTEM DESCRIPTION

The VS/REPACK Installed User Program (5796-PDZ) is a program developed and structuring aid used for analysis of a program's execution in a virtual storage environment. The use of VS/REPACK involves two separate procedures that are used in conjunction with each other to analyze how to improve performance: The Trace session and The Analysis session.

Release notice, 4 pages, 1/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5540

WIDEBAND COMMUNICATIONS SYSTEM, IUP 5796-PDJ, NOTICE

This document contains information about use of the Wideband Communications Program, currently in use in over 75 IBM locations throughout the world. It was developed to take advantage of high-speed data transfer rates available over leased lines. Using sophisticated data compaction techniques, checkpointing, and audit and security facilities, the system allows multiple installations to effect fast, reliable transmission of bulk data under control of CPUs using OS/VS1 or OS/VS2. Wideband Communications can help reduce the cost associated with bulk data transfer by increasing productive line utilization and decreasing the displaceable cost associated with offline transmission systems such as tape handling or transportation of storage media.

HIGHLIGHTS

- o Transmission of the data sets to multiple locations via store and forward
- o Three level prioritization
- o Operation at line speeds from 1200 baud to 230.4KPE
- o Between local and remote locations, tape-to-tape, tape-to-spool, spool-to-tape, or spool-to-spool transmission
- o Support of standard label, nonlabel, nonstandard label, and 7/9-track tape files (nonstandard label files are transmitted bit for bit with no label processing performed)
- o Multifile tape volume support
- o Spooling or despooling using sequential devices other than tape or disk
- o Concurrent send, receive, and spooling task capabilities within a single CPU
- o Retention of sent traffic in compacted format
- o Reduction of line overhead and spool space through data compaction
- o Integrated checkpoint/restart and line error recovery
- o System performance/audit analysis capability through the use of standalone utilities
- o High level of main storage optimization through the use of reentrant modules

Release notice, 4 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5541

ASSEMBLER H/CMS INTERFACE, IUP 5796-PEJ, NOTICE

This document contains information about use of the Assembler H/CMS Interface Installed User Program, which enables VM/370 users to install and execute OS Assembler H under CMS. After installation is completed, a simple command, HASM, is used to invoke Assembler H to assemble user specified files. A set of options available with the HASM command provides the CMS user with the same options as Assembler H under OS.

HIGHLIGHTS

- o Provides an interface to OS Assembler H under VM/370.
- o Enables VM/370 CMS users to benefit from Assembler H performance improvement and language extensions.
- o Uses a simple CMS command to invoke Assembler H.
- o Provides for assembly time options with the CMS command.
- o Enables source program input from CMS files, OS data sets, or OS partitioned data sets.
- o Permits programs written for Assembler F and the OS/VS Assembler to be assembled with Assembler H.

Release Notice, 4 pages, 10/75

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5542

RCA TDOS ASSEMBLER TO O/S ASSEMBLER CONVERSION AID, IUP 5796-PEX, NOTICE

This document informs potential customers about the use of the RCA TDOS Assembler to OS/VS Assembler Conversion Aid.

This aid converts RCA TDOS Assembler programs to OS/VS executable modules with a minimum of source statement changes. The conversion aid uses RCA assembler language source code as input and, with nominal additions directly produces an executable OS/VS assembler program eliminating many errors resulting from manual changes. It minimizes the amount of application knowledge required of the conversion programmer. An auxiliary module, included with the aid, is required until future conversion to native OS/VS mode.

The conversion aid consists of two assembler language programs and a macro library. One of these programs is for correcting minor syntactical differences between the two assembler languages. The other program is an auxiliary module with multiple entry points that works in conjunction with the expansion of the macros included in the conversion aid. The macro library consists of macros that were written to accept the RCA/DOS syntactical format and expand either to their direct OS MACRO equivalent or to a branch and link to the auxiliary routine necessary to provide the RCA/TDOS function.

Release notice, 4 pages, 7/75

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5547

SYSTEM DIRECTORY LIST OPTIMIZER, IUP 5796-PFH, NOTICE

No abstract available.

Flyer, 4 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5550

DISK VOLUME MAP PROGRAM, IUP 5796-PFL, NOTICE

This document contains information on use of the Disk Volume Map Program, developed by IBM Program Development in order to use disk storage more efficiently and thus have more disk packs and disk drives available for adding new applications. The Disk Volume Map Program makes it possible to monitor disk storage as often as desired and to have knowledge at all times as to whether and where space is available, whether any data sets should be compressed, and what is stored where - knowledge that is crucial to avoid wasting resources in the disk storage area.

Potential Advantages

- o More efficient use of available disk space
- o Fewer reruns due to lack of available disk space
- o Faster execution of disk I/O bound programs if many long seek operations are eliminated by more efficient data set organization
- o Potential transfer of data management chores from the systems programmer to the operations department
- o Easier, faster, and better conversion of data files from tape to disk

Release Notice, 8 pages, 11/75

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5551

ISAM TO DL/I COBOL TRANSLATOR, IUP 5796-PFB, -PFC, NOTICE

This document contains information on use of the ISAM-to-DL/I COBOL Program Translator Installed User Program, which assists the user in his conversion from ISAM files to integrated data-base management under DL/I. The Translator converts COBOL source programs that use ISAM into exactly equivalent COBOL programs that use DL/I to access the same data. At the same time the Translator detects and diagnoses unusual programming techniques (if any) that may require revision to operate in an integrated data base environment. The Translator provides a complete audit listing of this conversion, or, if the user chooses, an exceptions-only listing at either of two levels of detail.

The ISAM-to-DL/I COBOL Program Translator thus helps the user by:

- o Detecting all occurrences of ISAM-related usage in a COBOL source program.
- o Converting all common ISAM-related COBOL statements. These DL/I statements are organized in a standard and easily modified form for all translated programs.
- o Diagnosing and identifying errors in COBOL syntax or unusual usage of ISAM that may require manual changes to conform to the user's intended operating environment under DL/I.
- o Providing the user with a simple level of control over the translation process through use of control cards.

Release Notice, 6 pages, 1/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5652

IMS SPACE MANAGEMENT UTILITIES, IUP 5796-PPW, NOTICE

This document contains information in us of the IMS Space Management Utilities, which can improve system performance and programmer productivity. They are designed to assist in managing OS, OS/VS, IMS/360 and IMS/VS data space, to detect and report IMS hierarchical direct (H.D.) pointer discrepancies and to assist with segment restructuring during data base reorganization. The IMS Space Management Utilities are installed and operational at the IBM System Products Division plant in East Fishkill, New York.

HIGHLIGHTS

The IMS Space Management Utilities can provide the following benefits to the user:

- o Reduction or elimination of reruns caused by program abends due to the lack of available disk space
- o Improved CS or IMS program performance resulting from properly reorganized data bases and data sets
- o Improved system programmer productivity due to reduced diagnostic/repair time spent correcting IMS H.D. physical pointer discrepancies
- o Less programming time required to create test data bases from a subset of existing data bases
- o Ease of accommodating changes in data base design via a simplified method of restructuring data base segments

Release Notice, 4 pages, 1/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5653

TSO/CODES UPDATE SYSTEM, IUP 5796-PFR, NOTICE

This document contains information on use of the TSO/Codes Update System Installed User Program, a productivity aid which can be used by a TSO System Administrator to automatically create unique passwords for TSO users. It can eliminate manual updating of the passwords and help increase the security and manageability of the TSO password facilities. Because the TSO/Codes Update System uses both the Julian date and the time of day as input to its randomizing routines, the same series of passwords should not be reproduced within a 100-year cycle, and likely will never be reproduced.

The TSO/Codes Update System is designed to be used with "snap-out" form-type mailers, which are readily available from various forms vendors. The program prints the new password, name and address, and any user message on the cover sheet of the special form. This cover sheet is removed and held as the master listing and is used for the auditing process. The new password and message are printed only on the cover sheet and on the inside part of the form. This is accomplished by the arrangement of carbons within the mailer envelope. The new password is visible only when it is separated from the envelope portion of the multipart form. The use of these forms can reduce the amount of handling, helping to increase security, and, potentially, decreasing maintenance costs.

Release Notice, 6 pages, 1/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5654

OS/DOS CICS/VS COBOL CALL INTERFACE, IUP 5796-AHK, NOTICE

This document contains information on use of IUP 5796-AHK.

The CICS/COBOL Call Interface IUP (5796-AEG) provides a COBOL/CICS interface technique that eliminates the use of the CICS Preprocessor Program and makes writing and debugging of ANS COBOL/CICS application programs considerably easier. The new CICS/VS CCECL Call Interface IUP (5796-AHK), with the prerequisite IUP 5796-AEG, enables the CICS/VS user to take advantage of the additional functions of CICS/VS and comes with a new licensing agreement which includes an extended support period.

Release Notice, 4 pages, 12/75

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5658

VS BASIC INTERACTIVE DATA SYSTEM, IUP 5796-EFT, NOTICE

This document contains information on use of the VS EASIC Interactive Data System Installed User Program, a productivity aid to permit users to create, control and maintain data for their own use as required by their jobs. It enables the non-programmer to create, update, sort, list, and use data files made up of records of his own design.

Release Notice, 8 pages, 1/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5660

DL/I HDAM DATA BASE TUNING AID, IUP 5796-AKF, NOTICE

This document contains information on use of the HDAM Reorganization Utility for DL/I DOS/VS.

The DL/I DOS/VS user generally has the choice of two access methods, HIDAM and HDAM, for implementing online and performance-oriented systems. The potential performance advantages of HDAM make it an attractive alternative to HIDAM. If the application requirements can be met by HDAM, the user should consider it over HIDAM when selecting an access method. The HDAM Reorganization Utility was developed at General Reinsurance Corporation in order to use HDAM more effectively. Its purpose is to predict and tune HDAM performance during systems design, and to maintain that performance with an optimum reorganization procedure after implementation. Highlights:

- o Analyzes HDAM performance during system design
- o Calculates average number of I/Os to access root segments randomly
- o Requires only one control card to specify randomizer name and DBDGEN performance parameters
- o Provides a reorganization procedure that enhances performance by loading synonyms last
- o Eases conversion to HDAM from HISAM and HIDAM

Release Notice, 4 pages, 1/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5666

PL/I F TO PL/I OPTIMIZER CONVERSION AID IUP 5796-AKG, NOTICE

This document contains information on use of the PL/I F to PL/I Optimizer Conversion Aid which accepts syntactically correct PL/I F source text and modifies it so that it will

compile under the Optimizer or Checkout Compiler Program Product (5734-PL1 and 5734-PL2). It permits lower skilled personnel to perform conversion of PL/I program libraries. It can reduce the time required and adds an orderly method to perform the tasks. It can assist the user in achieving significant cost reduction in making the conversion. Release Notice, 4 pages, 1/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

batch production work where performance is essential.

The objective of the GTFSSVC program is to identify those jobs and program modules that are the heaviest users of supervisor services (for example, EXCP, GETMAIN, Overlay Supervision). The execution of many of these system-provided services is both time-consuming and serial creating bottlenecks with resultant performance degradation.

The Generalized Trace Facility (GTF) component of the user's system control program provides detailed data on a variety of events occurring in a system, including supervisor calls. The GTFSSVC program accomplishes its objective by extracting and summarizing GTF trace records into a useful and manageable format.

Release notice, 6 pages, 2/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5667

IMS TRANSACTION PROFILES, IUP 5796-PGG, NOTICE

The IMS Transaction Profiles Installed User Program was developed by the IBM Palo Alto/ Raleigh Systems Center to process IMS log information collected from IMS installations in surveys conducted by the GUIDE and SHARE User Organizations. Reports on the results of these surveys are available to customers through their IBM Systems Engineers. The IUP produces reports which can reveal a broad spectrum of characteristics of the transaction workload on an IMS DB/DC system. The information can provide early recognition of problem situations and identify the individual transaction processing programs involved. The increased understanding of the transaction workload can also provide the user with confidence in the ability of the system to absorb added applications or help to identify when the capacity of the system should be increased.

Flyer, 4 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5676

MESSAGE SWITCHING SYSTEM, IUP 5796-AKP, 5796-AKN, NOTICE

No abstract available.
Flyer, 4 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5679

DOS/VS PERFORMANCE TOOL, IUP 5796-PGK, NOTICE

DOS/VSPT is a software monitor that measures the performance of an existing IBM system operating under DCS/VS. It uses both statistical sampling and event tracing to record system status on an output data file. This data is used later to produce a series of reports on both hardware and software performance during selected time intervals.

HIGHLIGHTS

- o Reporting includes:
 - CPU utilization
 - Real main storage occupancy and paging
 - Channel utilization and overlap with the CPU
 - Device utilization and queueing
 - DASD seek analysis
- o Analysis by partition includes:
 - Deactivation
 - Real main storage occupancy
 - DASD seek analysis

Release Notice
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5668

CICS VIDEO EXTENSIONS: VIDEO SUPPORT AIDS, IUP 5796-AKK, NOTICE

This document describes for potential customers use of Video Support Aids.

With the rapidly increasing demands upon today's data processing personnel, productivity has become the watchword of the industry. The challenge to DP management is to find improved methods whereby more new applications can be implemented faster, greater system availability can be achieved, and the total effort required to maintain the system components can be eased. It was with these objectives in mind that Washington Manufacturing Company undertook the development of VIDEO support aids. As a user of VIDEO/370 under CICS/VS, the company had already experienced significant productivity gains. VIDEO Support Aids provides still greater potential for improved productivity. It makes available to the VIDEO/370 CICS/DOS/VS user significant new and enhanced functions.

Release notice, 4 pages, 3/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5670

MINIMIZE DASD I/O INTERFERENCE, IUP 5796-PGD, NOTICE

No abstract available.
Flyer, 4 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5672

GTF VTAM BUFFER ANALYSIS, IUP 5796-PGF, NOTICE

No abstract available.
Flyer, 4 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5673

MVS SEEK ANALYSIS PROGRAM, IUP 5796-PJC, NOTICE

This document describes for potential customers use of the MVS Seek Analysis Program. This internally developed program produces reports from GTF output that can aid the MVS systems programmer in eliminating system bottlenecks. This program can be used in the installation of MVS to analyze the effects of making changes to the MVS system configuration. Following the installation of MVS, the program can be used to help identify system bottlenecks such as poor data set placement. Release notice, 4 pages, 3/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5680

VS1 PERFORMANCE TOOL, IUP 5796-PGL, NOTICE

This notice announces release of VS1PT, a software monitor that measures the performance of an existing IBM System/370 running OS/VS1. It uses both statistical sampling and event counting to record selected system status information. At requested intervals, the accumulated information is placed on an output data set. Subsequently, reports can be generated to evaluate overall performance during the entire monitoring period or to analyze in detail any specific areas of concern.

Highlights

- o Monitoring selectively includes:
 - o CPU utilization and queueing
 - o Real main storage occupancy and paging
 - o Program module usage
 - o Supervisor calls
 - o Channel utilization
 - o Device utilization and queueing
 - o DASD seek analysis
 - o System data set utilizations (SVCLIE, LINKLIB, SYSPCCL and PAGE)
- o Analysis by partition includes:
 - o Virtual storage assignment and deactivation
 - o CPU utilization and queueing
 - o Real main storage occupancy
- o Time plots of activity for selected major resources are provided to show system performance variations over extended time periods.
- o Selected internal reports are available for in-depth analysis of specific system resources.

Flyer, 8 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5674

MVS SYSTEM INFORMATION ROUTINES

This document describes the MVS System Information Routines Installed User Program and provides the MVS system user with additional insight into MVS system operation. With this IUP the user is better able to understand the resources used by specific jobs or TSO users within his installation and how MVS controls the execution of these jobs according to user-provided system parameters. Manual, 8 1/2 x 11 inches, 4 pages, 3/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5681

SVS PERFORMANCE TOOL, IUP 5796-PGN, NOTICE

This notice announces release of SVSPT, a software monitor that measures the performance of an existing IBM System/370 OS/VS2 SVS. It uses both statistical sampling and event counting to record selected system status information. At requested intervals, hardware and software performance reports are generated and placed on an output data set. Subsequently, reports can be selected to evaluate overall performance during the entire monitoring period or to analyze in detail any specific areas of concern.

Highlights

- o Monitoring selectively includes:
 - o CPU utilization and queueing
 - o Real main storage occupancy and paging
 - o Program module usage
 - o System resource ENQUEUE and supervisor calls
 - o Channel utilization and overlap with the CPU
 - o Device utilization and queueing
 - o DASD seek analysis
 - o System data set utilizations (LINKLIB, JOBQUE, PAGE)
- o Analysis by job and job step includes:

G320-5675

GTF SUPERVISOR SERVICES ANALYZER, IUP 5796-PGE, NOTICE

This document describes for potential customers use of the GTF Supervisor Services Analyzer Program, (GTFSSVC). This internally developed program is designed to aid the systems programmer in analyzing and improving the performance of the computer system. The GTFSSVC Program can prove valuable as a tool for identifying performance bottlenecks in the key jobs of an installation. These jobs are frequently the online DB/DC system or critical-path

- o Elapsed execution time
 - o CPU utilization and queueing
 - o Real main storage occupancy
 - o Time plots and a time scaled summary report of activity for selected major resources are provided to show system performance variations over extended time periods.
 - o Selected interval reports are available for in-depth analysis of specific system resources.
- Flyer, 12 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5684

DISKETTE SORT PROGRAM, IUP 5796-PGJ, NOTICE
This document contains information on use of the Diskette Sort Installed User Program which enables users of the IBM DOS/VS Sort/Merge Program, 5746-SM1, to sort diskette files without first having to copy them onto tape or disk.

Highlights:

- o It provides a generalized Sort/Merge E15 exit routine to DOS/VS diskette users.
- o It provides improved performance to those sort users that need to sort diskette files, since the copying pass from diskette to tape or disk is no longer required.
- o It will dynamically determine the record length of the diskette records to be sorted.
- o The programming symbolic unit number used in conjunction with this program is determined at installation time and can be chosen such that no conflicts occur with the particular installation's standards.

Release Notice, 4 pages, 5/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5686

BATCH TERMINAL SIMULATOR II, IUP 5796-PGT, NOTICE
This document contains information on use of Batch Terminal Simulator II (BTS II), a Productivity Aid for Application Program Testing under IMS/VS Version 1.1.1 and subsequent releases. BTS II is a terminal simulator that allows online IMS/VS application programs to be tested in an IMS/VS batch environment without the use of teleprocessing hardware. Extensive debugging facilities enable the BTS II user to test batch applications as well as those intended to run in a teleprocessing environment. BTS II supplies information about each transaction or message as it progresses through the IMS/VS system. It provides IMS/VS users with a comprehensive means of checking and debugging:

- o application program logic
- o IMS/VS interfaces
- o teleprocessing activity
- o 3270 format control blocks
- o data base activity

BTS II is a new product based upon BTS/VS with the 3270 Formatting Feature and released with an extended support period and significant enhancements. It is fully upward-compatible with BTS/VS and the 3270 Formatting Feature.
Release Notice, 6 pages, 5/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5691

BATCH MONITOR FOR VM/370 CMS IUP 5796-PGZ, NOTICE
This program allows a VM/370 CMS terminal user to direct jobs which do not require conversational supervision to one of four virtual "batch" machines. The major highlights of the program include: terminal user inquiry into "batch" machine workload, class and priority scheduling of batch jobs, system workload balancing, and extensive control and restart facilities. The major potential benefit to a user of this program is increased CMS terminal user productivity.
Release notice, 4 pgs
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5697

DL/I BATCH MONITOR FOR DOS/VS, IUP 5796-AKY, NOTICE
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
This IUP is a productivity aid which helps the DL/I DOS/VS Application Programmer test and debug DL/I batch programs. In addition, it provides the Data Base Administrator/Systems Programmer with a means to audit data base calls issued by these programs, and to evaluate program performance. The objectives of this IUP are to reduce the time required to implement DL/I batch application programs, and to help in tuning the DL/I DOS/VS batch system.
This IUP supports only DL/I DOS/VS data bases which use VSAM (DL/I Entry is not supported). The IUP supports DL/I application programs written in Assembler, COBOL and PL/I.
Flyer, 6 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5702

CATALOG OF LANGUAGE AND SORT PROGRAM PRODUCTS OS, DOS VM/370, CMS
No abstract available.
Manual, 60 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5708

VS APL FOR TSO, IUP 5796-ALB, NOTICE
VSAPL for TSO, Installed User Program 5796-ALB, is a TSC command processor written in Assembler Language which interfaces the VSAPL Program Product (5748-APL) to TSO and has been tested under MVS 3.6, and MVT 21.7. All of the VSAPL interpreter functions are available to the user without modification. All TSO functions defined for use by a Command Processor are unchanged by the addition of this IUP and become available to the APL terminal. VSAPL terminals which are supported include the IEM 1050, 2741, 3270 with Data Analysis feature, 3767, 5100 as well as bit-pairing and typewriter-pairing ASCII APL terminals. The VSAPL program product is a prerequisite and must be ordered separately.
Release Notice
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5710

TESTING AND DEBUGGING ONLINE WITH CICS/VS, IUP 5796-AHJ, NOTICE
CICS/VS Online Test/Debug provides a programmer with the facilities to test and debug CICS/VS application programs under CICS/VS by entering command statements via a 3270 Information Display System. The features include the ability to display any location in main memory of the machine, alter any location within the CICS/VS job step boundaries, stop the execution of a specific CICS/VS task at a specific address within an application program, immediately update or display file records (ISAM, BDAM, VSAM and DL/I), and open or close files online. In effect, this program allows a programmer with access to a 3270 the ability to "console debug" programs without interrupting normal installation operations.
Availability notice
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5713

JES3 MONITORING FACILITY IUP 5796-PHR, NOTICE
The JES3 Monitoring Facility (JMF) Installed User Program provides the MVS/JES3 user with information on the activities and resource utilization of JES3. This information can be used to evaluate the performance of an existing MVS/JES3 system and to understand the impact of particular JES3 functions on the entire system. Used on a regular basis, JMF can assist in identifying changes in the JES3 environment which effect overall JES3 performance. Such information may also be useful in planning for future growth of the system.
Release Notice
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5714

SMF JOB DATA COMPRESSION AID IUP 5796-PHN, STORAGE DEVICE MIGRATION AID IUP 5796-PHP, NOTICE
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
The Job Data Compression Aid (JDCA) IUP (5796-PPN) and its companion, the Storage Device Migration Aid (SDMA) IUP, (5796-PHP) are tools designed to help OS or OS/VS installations manage their tape, DASD, and Mass Storage System (MSS) configurations.
JDCA produces a base file of edited and reduced System Management Facilities (SMF) data. This base file can be used by SDMA. Consequently, JDCA is a prerequisite for SDMA. But, the JDCA base file data can also be rearranged by sorting and including in detailed or summary reports by IBM personnel using IBM Marketing Aid 1 (MA/1) or by user written applications. In this latter case, JDCA can simplify the task of processing SMF's variable length records.

JDCA provides a number of useful options for controlling the data included in the base file. It also provides Summary reports for estimating the validity of the SMF data processed. JDCA can process SMF data from up to 9 OS or OS/VS systems.

The Storage Device Migration Aid (SDMA) IUP generates a series of reports from the base file created by the Job Data Compression Aid (JDCA) IUP (5796-PPN). These reports include information about data sets and jobs. The information in the reports can be custom tailored by use of one or more filters. The filters enable the installation to study the specific data sets and jobs of interest.

JDCA and SDMA are designed to simplify migration to a new I/O configuration but they can also be used for other purposes. They can help you and your customer:

- o Detect the need for I/O configuration upgrades
- o Determine the changes to be made
- o Plan migration to the new configuration
- o Monitor the progress of migration
- o Estimate the date of the next I/O configuration upgrade
- o Monitor compliance with installation standards
- o Improve system performance by optimizing data set placement and characteristics

JDCA and SDMA, if used together, provide the customer with many of the functions supported by IEM Marketing Aid 1 (MA/1). In addition, new reports are included that simplify detailed migration planning.
Users of these IUPs will be able to keep all of the

reports produced and use them freely for their own purposes. These IUPs will enable your customer to get involved with I/O configuration studies at an early date and assume the primary responsibility for processing the data and analyzing results.

Release Notice, 8 pages, 4/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5716

VSAM CATALOG LIST, NOTICE, IUP 5796-ALQ, -ALR

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The VSAM Catalog List was developed to produce concise VSAM catalog status reports which provide summary data essential for monitoring day-to-day VSAM space utilization requirements. It is designed to be used as a replacement for the catalog listings produced by the VSAM catalog utility, IDCAMS.

Release Notice
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5718

MONITORING DOS/VS SYSTEM FUNCTIONS, IUP 5796-ALX, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The DOS/VS System Programming Aid developed by the City of Garland, Texas, has been released. This aid, developed to increase the productivity of the city's programming and operations staff, provides inquiry under CICS/VS to DOS/VS information on files, VTDCs, libraries, system status, partition data and I/O device assignment.

Release Notice, 8 1/2 x 11 inches, 6 pages, 1/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5719

TSO/IQRP INTERFACE - IUP 5796-PHZ, NOTICE

The TSO Interface to IQRP, Installed User Program 5796-PHZ, provides the end user in a TSO environment with access to the Interactive Query and Report Processor (IQRP), IUP 5796-PDG.

The TSO Interface to IQRP operates as an independent TSO transaction. Since each TSO user obtains a unique copy of IQRP, multiple IQRP transactions can be processed concurrently. Controls have been established to preserve file integrity when file update transactions are processed. The end user may retain reports with or without their headings for subsequent processing.

Release Notice, 4 pgs, 2/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5727

GIS AND GIS/VS LIBRARY MAINTENANCE PROGRAM - IUP 5796-ANG, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The GIS and GIS/VS Library Maintenance Program Installed User Program 5796-ANG, aids an installation in the management of its GIS library data sets.

Many GIS and GIS/VS users have found that maintenance of their GIS.LIB data set presents difficulties. The directory of this partitioned data set often gets filled or an excessive number of members use the space allocated to the data set thus causing systems termination. Many of the members and directory entries are unnecessary, because GIS.LIB modules from multi-step jobs remain on the library when an earlier step fails to complete. Others were once intentionally saved but were not deleted when their counterpart GIS.LIB members were deleted.

The job of cleaning up this PDS is further compounded by the problem of identifying from whom or for what reason the members have been kept. The purpose of this self-scheduling IUP is to automate the determination and deletion of GIS library and directory entries which are no longer valid. The program prepares a listing indicating which members of GIS.LIB are to be retained and which members are marked for deletion. This provides an audit trail prior to the execution of IEBCOPY to reorganize and to compress GIS.LIB.

Release notice, 4 pgs, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5728

CMS EXEC LANGUAGE EXTENSIONS, IUP 5796-PJA, NOTICE

This document announces release of CMS EXEC Enhancements, Installed User Program 5796-PJA, designed to provide additional functions to expand the usefulness of the VM/370 CMS EXEC language. It is a standard CMS command module which runs in the transient area and allows the EXEC writer to:

1. Perform multiplication, division, and residue operations as addition and subtraction.
2. Obtain current date and time in EXEC variables.
3. Obtain read or virtual device type information.
4. Search a file in a specific column for a particular

character string.

5. Search a list of values for a particular value.
6. Determine if a member is defined in a library and obtain the starting record number of the member in the library and the size of the member.
7. Obtain the values of specific parameters or options from the EXEC argument list and supply default values if no value was provided.
8. Obtain the value of an option which follows a specific keyword and supply a default if the keyword is not in the option list.
9. Return the values of local EXEC variables to the next higher level.
10. Punch, stack, or type data which contains a specific number of embedded blanks and strings greater than 8 characters.
11. Read any record in a CMS file into EXEC variables.
12. Place a CMS file on the console stack.
13. Obtain data from the File System Table when only part of the file ID is known.
14. Obtain virtual machine user ID or system level number.
15. Set global EXEC variables which may be accessed from command to command.

Release Notice, 4 pgs, 2/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5729

FORTRAN INTERACTIVE SUBROUTINE LIBRARY, IUP 5796-PHI, NOTICE

The FORTRAN Interactive Subroutine Library (FISLIB) consists of a set of FORTRAN callable subroutines which can be used by a FORTRAN programmer to give more flexibility to interactive FORTRAN programs. FISLIB is used where the interaction of human decision making ability with the computer program is essential to permit users to choose between alternatives at key points during program execution. The interactive program produced can be run under: VM/CMS; any of the TSO options - OS/MVT, OS/SVS or OS/MVS; VS/PC FORTRAN; or DOS FORTRAN F utilizing the operating console.

The subroutines written in FORTRAN are designed to be system independent. They provide a simplified method of allowing the terminal program user to: specify program functions to be executed; specify parameters to be varied, reset or incremented; use a comprehensive desk calculator mode for intermediate computations; create procedures, a series of commands, executable by procedure name.

Release notice, 4 pgs, 2/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5738

APL DECISION TABLE PROCESSOR - IUP 5796-PJE, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The APL Decision Table Processor and Code Generator Installed User Program 5796-PJB is a set of interactive APL programs designed to help the user construct and maintain a library of limited entry decision tables and to compile the decision tables into procedural code in a high level language (COBOL, PL/I, APL, ALGOL). The usual concerns of program debugging may thereby be eliminated, allowing the end-user to concentrate on the decision-making logic of the application. Decision tables can be edited and validated for completeness and consistency. ALGOL, APL, COBOL, and PL/I code generators are provided. APL programs can be generated for immediate execution and testing. Programs in the other languages can be filed on a data set and be used as input to other language processors. A full coverage test case sequence for validating the object code is optionally produced.

A questionnaire processor is available as part of this system to guide an application user through a series of "yes/no" to produce a decision table map. The questionnaire is also useful for interactive checkout of table logic.

Release notice, 6 pgs, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5741

DISK WORK FILE MANAGER FOR DOS/VS - IUP 5796-ANK, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This IUP helps provide partition independence to DOS/VS users by dynamically allocating disk work files from pools of disk space which are internally maintained for each partition. A user may specify one or more pools for each partition, a pool of space assigned to one partition cannot be shared with other partitions. Typically requiring 2K bytes in the shared virtual area, this IUP handles program requests for disk work files by intercepting and modifying incoming job control statements. In this manner, the same job (and same JCL) running in two different partitions will automatically be assigned different temporary disk space areas.

Release Notice, 4 pages, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5742

MASS STORAGE CONTROL TABLE MAINTENANCE PROGRAM, NOTICE, IUP 5796-PHY

Proper operation of the IBM 3850 MSS is possible only if data in the MSC's Table Data Sets is valid. The purpose of the Mass Storage Control Table Maintenance Installed User Program is to help the system programmers maintain this important data set. The program provides an interactive conversational approach for maintenance of the MSC Table Data Sets. It can substantially reduce the time required to perform system programmer and operator functions including queries regarding operational status, problem diagnosis and performance of corrective actions.

The Mass Storage Control Table Maintenance Program executes under TSO or with a TCAM interface. It can be used from the operators console to query status of the system via MSC table analysis. It can also be used in a Display Only mode or for Display and Update. All actions taken and associated output are logged to provide an audit trail. Flyer, 8 1/2 x 11 inches, 4 pgs, 3/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

IMS/VS data base system. It is designed to operate with IMS/VS version 1.0.1, 1.1.1, 1.1.2, 1.1.3, or 1.1.4. It is offered with extended support.
Release notice, 8 1/2 x 11 inches, 12 pgs, 5/77
/////5796-PJK

G320-5762

DISPLAY ORIENTED EDITING SYSTEM: IUP 5796-FJP, NOTICE
The Display Oriented Editing System IUP is a full-screen editing system for Virtual Machine/Conversational Monitor System (VM/CMS) files, designed to utilize the features of display terminals on either a local or remote basis. In addition to a comprehensive array of cursor and command oriented data manipulation functions, this editing system has direct usability in a wide range of user applications.

This IUP was written for assembly by the Assembler B Language Program Product (5734-AS1) and is designed to operate with Virtual Machine Facility/370 Conversational Monitor System (VM/370 CMS). It was developed under VM/370 CMS release 3 and is not expected to be release dependent. Release Notice, 8 1/2 x 11 inches, 6 pgs, 9/77
/////5796-FJP

G320-5746

TSO/MSS ARCHIVER RELEASE NOTICE, IUP 5796-AJK

TSO users tend to need more and more space for storing their permanent data as time progresses. On the other hand, at any particular point in time, they are working with a relatively small subset of this data. In other words, the data falls into one of two categories: active or inactive. These categories may be thought of as hierarchies of storage: Level 1 (active) and Level 2 (inactive).

When specifying the media for storing these two hierarchies, a TSO user has traditionally used real DASD for both levels. Some have used tape for Level 2 but waiting for tapes to be retrieved and mounted is non-productive and costly. Furthermore, no systematic way of transferring data between the levels was supported by IBM.

IBM's new 3850 Mass Storage System has created an opportunity to significantly reduce the time needed to retrieve and mount tape data sets. And, the TSO/MSS Archiver IUP bridges the gap between TSO and the MSS by providing the TSO user with a systematic way of keeping his inactive Level 2 data on MSS cartridges and retrieving that data from Level 2 with minimal delays. The TSO user and his installation, therefore, benefit from the lower storage costs inherent in the 3850 MSS. The installation savings can help justify 3850 MSS.

Release Notice
SLSS - ORDER NO. SUBSCRIPTION ONLY

S320-5767

IMS/VS PRIMER

This manual is designed for the first time user of IMS/VS (program product 5740-XX2). It provides systems analysts, system programmers, and application programmers with the information necessary for the design, installation and operation of initial applications using the data base/data communications facilities of IMS/VS. This volume obsoletes S320-5767-0 and Z210-9819.

VTAM/3270 is included in recent updates.
Manual, 452 pgs, 2/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

S320-5768

IMS/VS PRIMER APPENDIXES

This document, as a minor revision combining S320-5768-1 and TML SN10-9004, contains detailed documentation of the sample IMS/VS system used as examples in the IMS/VS Primer (S320-5767). Included are source listings of all sample programs, all JCL, and utility control cards and macro statements.

Manual, 276 pgs, 8/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

S320-5769

IMS/VS PRIMER OPERATING GUIDES - PROG PRCD 5740-XX2

This manual is to be used with the "IMS/VS Primer" (S320-5767). It contains a comprehensive sample master terminal guide for the IMS/VS subset defined in the IMS/VS primer and a representative remote terminal operating guide. Manual, 156 pgs, 1/77

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5809

POWER/VS CHARGEBACK SYSTEM, IUP 5796-AQJ, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This document announces release of the FCWER/VS Chargeback System. This application enhances the installability and usability of the POWER/VS Cost and Performance Analyzer FDP (5798-CDG) with the following functions:

- Unit rate cards for the several categories of Data Processing Cost to be allocated are produced.
- Monthly and yearly statements of allocated costs are produced.
- The programming capability to correct errors caused by POWER/VS job cards is provided.

Together, these two packages provide management with an excellent tool for allocating data processing costs to user departments in a DOS/VS environment.

Release Notice, 8 1/2 x 11 inches, 4 pages, 1/78
/////5796-AQJ

G320-5810

MSS TRACE/SMF CORRELATION AID, IUP 5796-PJX, RELEASE NOTICE

This document announces release of an IUP which consists of a set of programs developed to assist an installation with an IBM Mass Storage Subsystem (3850) in evaluating system and subsystem performance. Workload balancing and problem determination for the 3850 requires knowledge of both host CPU and MSS activity.

Correlation of event activity between CFU hosts and MSS requires the use of common data elements recorded in each of the respective activity journals, System Management Facility (SMF) and MSS Trace. The IUP analyzes data collected by SMF and MSS trace and generates reports and time-based plots of activity within the MSS and host CPU, thus allowing correlation of these two sources over time. The correlation will show processing peaks and can aid in work rescheduling to reduce or eliminate system or subsystem saturation periods. Situations such as cylinder faulting can be detected and investigated by correlation of SMF job, step and data set information - with the stage/destage activity as recorded by MSS trace.

G320-5754

DBPROTOTYPEII RELEASE II, IUP 5796-PJK, NOTICE

The DBPROTOTYPEII Release 2 IUP provides a powerful and flexible tool for IMS/VS data base design and evaluation. The analytic tools of DBPROTOTYPE II estimate the disk space, CPU time, and I/O time required by an IMS/VS application program. The simulation tools enable the data base designer to create model data bases of skeletal application programs to run against these data bases. Major enhancements for release 2 include an analytical tool, DBCAP, for estimating the CPU time and I/O time required by DL/I calls of an IMS/VS application program.

This IUP was written using PL/I and uses the standard features of the operating system OS/VS1 or OS/VS2 and of the

In order to realize the full recording capabilities of this IUP, the user must install the Job Data Compression Aid IUP (5796-PHB); collect full SMF data and process this data with the JDCA IUP. However, the MGS Trace/SMF Correlation Aid IUP may be used without JDCA to process only on MSS trace data.

Programming System: OS/VS1, OS/VS2 (SVS), OS/VS2 (MVS).
Release Notice, 8 1/2 x 11 inches, 4 pages, 1/78
/////5796-PJX

G320-5813

OS/VS1 NETWORKING NODE TO MVS SVS AND VS1 - HOST NODE REMOTE ENTRY SYSTEM, IUP 5796-PJY, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This document announces release of the Host Remote Node Entry System, Installed User Program (5796-PJY), which provides the capability of making a VS1 system a remote job entry station to any OS/VS2 MVS/JES2 or SVS/HASP system or another OS/VS1 system. (In an OS/VS1 to OS/VS1 configuration, HRNES could be installed on both CPUs, but is not required.) This program, running in a VS1 partition will do the following; automatically sign on to MVS/JES2 or SVS/HASP, SCAN the specified VS1 input queues and send all jobs found there to MVS/JES2 or SVS/HASP for execution, receive all output from MVS/JES2 or SVS/HASP and will disperse it to the originator at either a local printer/punch or to an RJE printer/punch, provide all MVS/JES2 RJE commands to the VS1 operator, allow sign-off from the VS1 console.

Release Notice, 8 1/2 x 11 inches, 4 pages, 1/78
/////5796-PJY

G320-5816

LIBRARY PRINT PROGRAM FOR VSPC, LIC PROG 5785-EAA, NOTICE

The VSPC Library Print Program, Installed User Program 5785-EAA, provides the VSPC chief administrator with an easy aid to list all enrolled users and their profiles, and to list all file profiles currently in the VSPC library. These are read from either the VSPC directory (SYSLLDIR) on disk or a backup tape created by the VSPC Service Program. Output consists of four reports:

- . List of users and their profile attributes
- . List of users' files and their attributes
- . List of users' accumulated accounting information
- . List of System, Foreground Processor, and Auxiliary Processor profiles

Release Notice, 8 1/2 x 11 inches, 6 pages, 1/78
/////5785-EAA

G320-5820

IMS/VS ONLINE DATA MANAGEMENT UTILITY, IUP 5796-AQZ, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This document announces release of the IMS/VS Online Data Management Utility, developed by Blue Cross Hospital Service of Missouri, Inc., an IMS/VS transaction which provides the facility for catalog and DASD management. The terminal user may display catalog, Volume Table of Contents (VTOC) and directory information for a data set; catalog, uncatalog, and scratch datasets; display, rename, or scratch a Partitioned Data Set (PDS) member; rename a DASD data set; send messages to the OS/VS console; and maintain OS/VS catalog indexes. This aid provides a productivity tool for application development programmers and system programmers with interactive facilities not previously available under IMS/VS. It has proven to be useful to operations personnel when restarting systems which have failed.

Release Notice, 8 1/2 x 11 inches, 4 pages, 1/78
/////5796-AQZ

G320-5821

3800 HIGH VOLUME PRINTING PROGRAM, IUP 5796-ARA, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The 3800 High Volume Printing Program, Installed User Program 5796-ARA, developed by Dannelley Marketing of Nevada, Iowa can print high volume output online to the IBM 3800 Printing Subsystem in an OS/VS environment. The product was designed to maximize throughput rates of the IBM 3800 while minimizing utilization of system resources.

The use of QSAM for processing of the input print image records allows the program to be device independent of the storage media used to hold the print image records.

A wide variety of input record formats are supported; blocked or unblocked; fixed or variable; and ASA, machine control characters or no control characters. In addition, reformatting of 3-line mailing labels (4-up or 5-up) is done by the program allowing these labels to be printed on either a 3800 or an impact printer.

Keyword parameters specified by the operator facilitate control over each execution of the program. 3800 features of FLASH, COPYMOD character sets (CHAR), table recognition characters (TRC), and BURST can be used along with the IUP.

Input device independence and the variety of input and output formats of this IUP along with the IEM 3800 Printing Subsystem increases the printing flexibility of a data processing installation.

Release Notice, 11 x 17 inches, 4 pages, 1/78
/////5796-ARA

G320-5822

IMS/VS RESPONSE TIME MONITOR RELEASE NOTICE, IUP 5796-ARB

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The IMS/VS Response Time Monitor developed by Philadelphia National Bank is a real-time, table driven system of IMS/VS programs which interact to measure the transaction scheduling capability of an IMS/VS DC System. The user sets criterion for acceptable response time for each message and the Response Time Monitor measures these response times at regular intervals while the IMS/DC control region is active. Message classes, whose response times exceed the user-selected criteria, are logged and time stamped and the IMS Master Terminal Operator is notified as delays occur. Action can then be taken to alleviate the response time problem or investigate it further. The IMS/VS Response Time Monitor assists IMS operations personnel in avoiding serious response problems.

Release Notice, 11 x 17 inches, 4 pages, 1/78
/////5796-ARB

G320-5823

IBM 3741 REPORT GENERATOR, IUP 5796-ARC, NOTICE

The 3741 Report Generator, Installed User Program 5796-ARC, developed by American Can Company of Greenwich, Connecticut, provides a high level language capable of generating reports on the 3741 model 2 and 4. Present data stored on diskettes can be summarized, totaled, or abstracted. The 3741 user now is able to quickly and easily create meaningful reports in response to management requests. The 3741 Report Generator, was developed by American Can Company to provide 3741 locations the ability to utilize existing data and resources in a more productive manner.

The 3741 Report Generator improves the utilization of the 3741 by providing a language which does not require detailed data processing knowledge. The fill-in-the-form approach to programming simplifies report creation. Once a report is created the 3741 Report Generator saves it in a library of programs. Programs thus stored may be executed at any time without recompiling.

Release Notice, 8 1/2 x 11 inches, 4 pages, 1/78
/////5796-ARC

G320-5824

GENERAL CROSS ASSEMBLER GENERATOR, IUP 5796-PKE, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This document announces release of the Cross Assembler Generator, a system of programs designed to dramatically reduce the time and cost to create basic program assemblers for a wide variety of computer architecture. The entire system is implemented in APL.

A cross-assembler which runs on one computer to assemble code for another computer. The first computer is called the "host computer", and the second is called the "target computer." The Cross Assembler Generator takes advantage of the fact that only 25-30% of an assembler is dependent on the design of the target computer. If the host computer is held constant, then only target computer dependencies need be changed to vary from one assembler to another. Furthermore, the portion of the assembler that is changed has a high degree of regularity and usually can be generated from only one or two pages of descriptive material.

Systems integrators will find this particularly attractive since they can debug machine language programs for hardware before they actually take delivery. This will reduce dependence on the supplier's delivery schedule. Colleges and universities can use the Cross Assembler Generator in both practical laboratory work and in classrooms as a teaching tool.

The manufacturers can use the Cross Assembler Generator for preliminary programming and thus reduce cost and time in programming support. In addition, these manufacturers can also more cheaply support experimental process or design.

Time sharing vendors and in-house time sharing systems will find this of use to existing users as well as a means of attracting smaller hardware integration to their time sharing services.

Highlights

- Provides end users capability to rapidly define computer assembler
- Can run in any VSAPL, APLSV environment
- Users need not know APL
- Prompting module to lead user through assembler definition
- Core patching capability

Release Notice, 8 1/2 x 11 inches, 6 pages, 1/78
/////5796-PRD

G320-5825

IBM 3800 90 DEGREE PRINT PROGRAM, IUP 5796-ARE, NOTICE
 The IBM 3800 90 Degree Print Program, Installed User Program 5796-ARE, developed by the New York State Legislature in Albany, provides printing at 90 degrees to normal printer output. Full pages are rotated 90 degrees one at a time and printed using the 90 degree characters provided. Applications requiring printing at greater density than 60 or 80 lines per page can be run on the IBM 3800 printing subsystem utilizing the paper width rather than the paper depth for printing. Many 3800 installations can benefit from the flexibility of being able to use either 8 1/2 by 11 inch or 11 by 8 1/2 inch form sizes without changing the paper in the machine. Also, for 14 7/8 by 11 inch paper, using the width of the paper as the depth allows 36 percent more lines to be printed at 12 lines per inch and has the effect of reducing the resultant 3800 Monthly Use Charge by the same percentage. The IUP executes in an OS/VS environment.
 Release Notice, 4 pages, 5/78
 ////5796-ARE

G320-5826

VSAMZAP FOR OS/VS, DOS/VS, IUP 5796-PKG, -PJQ, NOTICE
 This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
 Virtual Storage Access Method ZAP Utility
 • VSAMZAP - DOS/VS 5796-PKG
 • VSAMZAP - OS/VS 5796-PJQ
 When errors are introduced into a file, either because of programming problems, I/O errors, power failures or other causes, correcting them can be difficult and time consuming. This is especially true with VSAM because often the actual location of the data is not known precisely. An effective solution of this problem is to access the VSAM Control Blocks and extract the information necessary to find and examine and, if necessary, modify the data. VSAMZAP does just this. It allows an authorized person to access, verify and replace any data in any type of VSAM Data Set. The program can be run using either card input and printer output or the systems console. It can also be run interactively under Time Sharing Option - TSO (OS) or Entry Time Sharing System - ETSS (DOS). The integrity of files is protected using the Password facility of VSAM if it is implemented on the system. Care should be exercised, however, in changes; especially the key field in a KSDS Data Set.
 Release Notice, 8 1/2 x 11 inches, 4 pages, 1/78
 ////5796-PKG, 5796-PJQ

G320-5828

DOS/VS CHAINED CCW PRINT SUBROUTINE, IUP 5796-ARR, NOTICE
 This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
 This document announces release of the Chained CCW Print Subroutine for Assembler and COBOL which provides a significant performance improvement for print programs during execution. Benchmark results have shown improvements in both CPU utilization and job throughput when running under POWER/VS. The subroutine is entered via a COBOL or Assembler call statement. The subroutine will execute with or without POWER/VS. Three classes of calls are honored:
 1. Open call - defines the overflow options of having the subroutine count lines or the main program doing it.
 2. Execute call - passes the data to be printed, the type of control desired (before or after spacing or skipping) and receives a return code
 3. Close call - terminates the print and forces the final print lines when necessary
 Release Notice, 8 1/2 x 11 inches, 4 pages, 1/78
 ////5796-ARR

S320-5996

THE APL HANDBOOK OF TECHNIQUES
 This manual is a compendium of hundreds of functions submitted by professional programmers within IBM. They have been generalized, extended and harmonized into families such as text editing, logical operations, report formatting, multi-precision arithmetic and workspace management. Readers are encouraged to experiment with their own variations.
 Manual
 ////5796-PLP

G320-6023

PALO ALTO SYSTEMS CENTER TECHNICAL BULLETIN
SNA 3274/3276 INSTALLATION GUIDE
 This installation guide is intended to supplement existing product documentation by providing examples of the various parameters and options that must be specified to accomplish the installation process. The parameters and options in this guide are not optimum for any specific environment and should only be used as guidelines. Each installation must be evaluated individually. These examples are, generally, extracted from an operational system, but have not been submitted to any formal test.

The guide is organized in three parts:

- Part 1 contains general installation planning information.
- Part 2 shows examples of an installation consisting of ACF level access methods, IMS/VS Version 1 Release 1.5 and CICS/VS Release 1.4.
- Part 3 shows examples of an installation consisting of a VTAM-II environment with IMS/VS Version 1 Release 1.4 and CICS/VS Release 1.3.

This manual is a major revision of G320-6023-0. The previous release was based primarily on lab experience. This release has been updated based on current field experiences. The format of this release of the guide is similar to the previous release, but a large number of seemingly minor changes have been made. Initial readers need not be concerned, but readers that have been using the previous release of this guide are cautioned to be alert for these changes. While minor in appearance, the effect of these changes may be far reaching. A simple change of a mode table name or entry name, for example, may require corresponding changes to the network definition and DE/DC product generations. Or a USSTAB change may alter the operating procedures.

In addition, two new chapters have been added; Problem Determination Aids and CICS/VS Considerations.
 Manual - serial, 105 pages, 3/79
 370//09//3274,3276/

G320-6028

PALO ALTO SYSTEMS CENTER TECHNICAL BULLETIN
SNA PRODUCT INSTALLATION GUIDE
 The samples contained in this publication are provided for the support of education and installation of SNA products. The job control and sample definitions must be adjusted for each system. The samples have not been submitted to a formal IBM test. The samples are not intended to be implemented as they are shown in this material. These samples are coded to a specific network configuration and terminal features and are not compatible with any other installation configuration or processing requirements.
 Manual, 268 pages, 2/79
 ////5747-CHI,5747-RC3,5735-RC1

G320-6029

PALO ALTO SYSTEMS CENTER TECHNICAL BULLETIN
DOS/VS VSAM TUNING AND ISAM TO VSAM CONVERSION GUIDE
 This document is intended to aid new or current DOS/VS VSAM users in the conversion of ISAM applications to VSAM using VSAM-IIP or going directly to Native VSAM. Basic VSAM education and knowledge of the information contained in the SRL's is a prerequisite.

While the information contained herein is especially oriented to users with ISAM backgrounds and applications, much of the information VSAM program design, performance and tuning, and recovery is relevant to all DCS/VS VSAM users.

The recommendations contained in this document have not been subject to any formal test or review and should therefore be individually evaluated for their applicability to a particular installation. Use of the information presented in this document in a customer installation must adhere to the Guidelines for Systems Engineering Services.
 Manual, 208 pages, 8/78
 ////5746-AM2,5745-010,5745-020

G320-6033

PALO ALTO SYSTEMS CENTER TECHNICAL BULLETIN, CICS/VS HIGH LEVEL PROGRAMMING INTERFACE
 In CICS/VS Version 1 Release 3.0 a new high level programming interface (HLPI) was introduced to simplify writing CICS/VS application programs using either PL/I or COBOL. This new interface, the command-level interface, offered considerable ease-of-use advantages over the earlier macro-level interface. The basic idea behind the command level interface was to make it possible to write CICS/VS application programs without

- 1) the need to have a detailed knowledge of CICS/VS architecture
- 2) the need to be concerned with the addressability of CICS/VS control blocks, their formats and contents
- 3) the need to be concerned with storage management.

In CICS/VS Version 1 Release 4.0 the command-level interface has been extended for use with assembler language application programs.

Prior to Release 3.0 the application program interface to CICS/VS consisted of a set of macros and control block definitions. In order to reduce the dependencies upon CICS/VS architecture and control blocks a possible first step could be to replace the macro and control block interface by one consisting of calls with arguments. However the use of a native language 'CALL' interface introduces a different set of usability problems. For this and other reasons explained below it was decided that a new type of statement, the EXECUTE command, should be used rather than a native-language call statement. The EXECUTE command is translated to a native language coded call statement by means of a single-step preprocessor for subsequent compilation by the appropriate language compiler.

At execution-time the EXEC interface program (EIP) interfaces between the application program call statements and the CICS/VS management modules. The function of EIP is to analyse the arguments passed to it and determine the function required. Using the coded values within the first argument generated by the translator EIP invokes directly the code for the requested function. Then using the

arguments passed by the translated command IUP assigns values into appropriate CICS/VS control blocks and invokes the appropriate CICS/VS management module.
Manual, 60 pages, 3/79
/////5740-XX1

operations are called queries. Query-by-Example is written in OS/VS Assembler Language and PL/I Transient Library Program Product 5734-IM4 is required for execution. The IUP executes under control of the IBM Virtual Machine Facility/370 using facilities of the control program (CP) and the Conversational Monitor System (CMS).
Flyer, 12 pages, 9/78
/////5796-PKT

G320-6050

OS/VS1 PRIORITY QUEUE AGING PROCESSOR, IUP 5796-ARG, RELEASE NOTICE

The Priority Queue Aging Processor for S/370 OS/VS1 is designed to ensure a consistent level of service for all jobs processed in a system. Under the VS1 Priority Queue Aging Processor all jobs are periodically aged or advanced in priority within the input queue. Thus, low priority jobs will eventually reach the highest dispatching priority and be executed in a timely fashion.

Highlights:

- Variable, time initiated processing of the job queue
- Ages both centrally submitted (local) and RJE (remote) jobs
- Operator query and modification of the scan time period
- Executes in a normal batch partition
- Employs standard interfaces to the OS/VS1 operating system

Flyer, 4 pages, 6/78
/////5796-ARG

G320-6064

FORTRAN H EXTENDED OPTIMIZATION ENHANCEMENT, IUP 5796-PKR, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The FORTRAN H Extended Optimization Enhancement Installed User Program provides to users of the FORTRAN H Extended Compiler program product (5734-FC3) a higher level of program optimization. The IUP implements new optimization techniques which extend the level of optimization possible and which generally result in faster executing times for compiled programs.

Flyer, 8 1/2 x 11 inches, 6 pages, 9/78
/////5796-PKR

G320-6053

DL/I CICS/VS TEST PROGRAM - STATE INDUSTRIES, INC., IUP 5796-ARN, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This IUP, written in COBOL, is a CICS/VS transaction which allows a programmer to enter DL/I calls on a formatted screen and display the results (segment retrieved, DL/I return code) at the terminal. To use the program, the programmer enters the PSB name, which PCB within the PSB is to be used (default is first), type of call ('GU ', 'GNP ', 'GN ', 'ISRT', 'REPL', 'DLET', gets with hold), and SSA (actual format). The SSA can contain a command code. The data returned to the terminal includes a character and HEX display of the first 160 bytes of the segments retrieved, the DL/I return code, the concatenated key, segment name, etc. (basically all the information returned in the PCB). A paging facility allows viewing of portions of the data base record in excess of 160 bytes.

Flyer, 8 1/2 x 11 inches, 4 pages, 3/78
/////5796-ARN

G320-6065

IMS-APL DATA LINK FOR TSC, IUP 5796-PKW, NOTICE

This program links the power of APL data manipulation with the data storage capabilities of IMS. A TSC VS APL user may submit IMS transactions, and upon completion of IMS processing have IMS output available in the user's APL workspace. This publication describes the program functions, programming, configuration, and installation considerations. This IUP runs on S/370 under VS APL IMS/370 under TSO (OS/VS2 SVS or MVS).

Flyer, 4 pages, 7/78
/////5796-PKW

G320-6069

ACF DEFINITION AID, IUP 5796-PKY, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This IUP assists the ACF/VTAM Multi-System Networking Feature (MSNF) user in defining and maintaining the network. The program generates the resource definitions required in multi-host communication. Additionally it can generate some of the definitions for the Network Operation Support Program (NOSP). These facilities improve the efficiency of the system programmer in the initial definition and in making updates to the network.

Flyer, 8 1/2 x 11 inches, 4 pages, 9/78
/////5796-PKY

G320-6054

IMS - APL DATA LINK FOR VSPC, IUP 5796-PLA, NOTICE

This program links the power of APL data manipulation with the data storage capabilities of IMS. A VSPC-VS APL user may submit IMS transactions, and upon completion of IMS processing have IMS output available in the user's APL workspace.

This publication describes the program functions and programming, configuration, and installation considerations.
Release Notice, 4 pgs, 2/78
/////5796-PLA

G320-6060

BULK DATA TRANSFER, IUP 5796-PKK, NOTICE

This notice announces release of the Bulk Data Transfer IUP which provides users of NJE for JES2, HASP/NJI and ASP/NJI with the capability to transfer data sets from one node in a network to another. This requirement is common to a number of customers who wish to transmit large data files between geographically separated systems or co-located systems via the channel-to-channel adaptor.

Release Notice, 4 pages, 5/78
/////5796-PKK

G320-6062

QUERY BY EXAMPLE, IUP 5796-PKT, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The Query-by-Example Installed User Program is a high-level interactive language facility which provides easy access to data by end users not necessarily skilled in data processing techniques. The usability features of Query-by-Example significantly enhance and extend the value of computer resident business information. These features include:

- User perception of data as two-dimensional tables, with rows and columns
- Interactive, display-oriented end user support
- Powerful data definition, selection, and manipulation features
- Simple yet flexible language syntax
- Data extraction capabilities from IMS data bases

During an interactive session with Query-by-Example, operations may be performed on an entire table, an entire row, an entire column, or on one or more table data elements. Such operations include retrieval, insertion, deletion, and update as well as new table creation. These

G320-6070

IMS/VS EMERGENCY LOG TERMINATOR IUP 5796-ATN

The IMS/VS Emergency Log Terminator program is to be used when an IMS/VS System Log Tape cannot be otherwise closed through normal programs and procedures. This typically occurs following a catastrophic failure such as a power failure.

Expedient closing of the IMS/VS System Log Tape is required in order to attempt IMS/VS Emergency Restart as soon as possible after a system failure. This is frequently successfully done by the existing IMS/VS System Log Termination Utility Program (DFSIFLTO). When DFSIFLTO is not successful, such as when the system dump is not available, due to a power failure, the log must be closed in some other way before an Emergency Restart can be attempted. In both on-line and batch IMS/VS environments, the properly closed log is also needed to effect data base recovery. To insure the integrity this requires, use of the IMS Write Ahead Log feature is a prerequisite for this IUP.

Flyer, 4 pages, 9/78
/////5796-ATN

G320-6071

IMS/VS MESSAGE REQUEUER, IUP 5796-ATP, NOTICE

IMS/VS Message Requeuer permits an installation to reinsert input and output messages back into an IMS/VS system from IMS/VS log tapes after IMS/VS has normally or abnormally terminated. The messages are reinserted with their original timestamp and are inserted in original time sequence. An audit trail is produced recording messages that could not be reinserted because of changes in the IMS/VS environment, such as the elimination of transaction codes or logical terminal names. IMS/VS Message Requeuer is designed to be used for the following purposes:

- To carry unprocessed messages across an IMS/VS System.
- To recover messages if IMS/VS Emergency Restart or Normal Restart fails.
- To extract specific transactions (up to 100 codes) from log tapes to be processed correctly by an application program previously in error.
- To stress test or regression test an IMS/VS System.

This IUP is offered with extended support. The significance of offering an IUP with extended support is explained in the sales manual.

Announcement Notice, 4 pages, 10/78
 /////5796-ATP

G320-6072

DL/I DOS/VS SPACE MANAGEMENT UTILITIES, IUP 5796-PKF, NOTICE
 This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This Installed User Program can help improve system performance and programmer productivity. It is designed to detect and report Hierarchical Direct (H.D.) pointer discrepancies, to provide statistics and information for H.D. tuning, and to assist with segment restructuring and reloading during data base reorganization. DL/I DOS/VS Space Management Utilities is a subset of the functions provided by the IMS Space Management Utilities II IUP 5796-PJJ.

Flyer, 4 pages, 8/78
 /////5796-PKF

G320-6073

VM/370 SPOOLING SUPPORT FOR LOCAL 328X PRINTERS IUP 5796-PKZ
 This Installed User Program provides VM/370 users with the capability to spool and print CMS files on a local 3284, 3286, 3287, 3288 or 3289 hardcopy printer. Currently, VM/370 users must print their files on the system printer or use the P.F.Key to copy the screen image to a local hardcopy printer.

This IUP supports the Data Analysis APL feature and the Vertical Forms Control feature of the 328X printers. All of the current 3272 or 3274 buffer sizes are supported.

Flyer, 4 pages 9/78
 /////5796-PKZ

G320-6075

OS/VS1 MICROFICHE FORMATS AND FILING METHODS

This form contains information and suggestions on filing and handling microfiche that has OS/VS1 program listings with mixed densities of 90 frames per card and 360 frames per card.

Manual, 8 1/2 x 11 inches, 28 pgs, 11/77
 /////5741

G320-6079

2260 COMPATIBILITY FOR CICS/VS USING VTAM/TCAM IUP 5796-ATW, NOTICE

The 2260 Compatibility for CICS/VS using VTAM/TCAM, Installed User Program 5796-ATW, developed by the Public Service Company of Colorado, provides code and procedures which enable most CICS application programs written for the 2260/2741 to be easily converted to run in an SNA environment with either VTAM or TCAM. The IUP requires a 3270 with a 1920 character screen or greater and is designed to reduce the time needed to migrate existing 2260/2741 CICS/VS applications to VTAM or TCAM by replacing the DFPTC macro with a new PSCTC macro.

Flyer, 4 pages, 1/79
 /////5796-ATW

G320-6083

GLOBAL SHARED ACCESS METHOD (GSAM), IUP 5796-ATX, NOTICE

Global Shared Access Method Installed User Program 5796-ATX, developed by Yale University, New Haven, Connecticut, is a set of programs designed to provide safe and easy access to VSAM data from multiple jobs running concurrently under MVS. It provides record-level integrity, thus permitting simultaneous updating of records located in the same Control Area or Control Interval. There is no modification to MVS; instead Global Shared Access Method supplies a simple interface to an existing set of VSAM I/O request options. File access control can be tailored to the needs of many users and particular databases, yet data integrity and security are maintained across the system.

Flyer, 4 pages, 2/79
 /////5796-ATX

G320-6089

3800 PAGE FORMATTING SERVICES IUP 5796-AWE, NOTICE

The IBM 3800 Page Formatting Services System is an Installed User Program (5796-AWE) developed by INA Corp., Voorhees Township, New Jersey. This IUP allows an OS/VS user to take advantage of almost all 3800 features with minimal knowledge and training of the applications programmers. Among the IBM 3800 features it offers is use of the format character set to create formatted reports on stock paper, the mixing of character fonts and pitches on the page, and 90 degree rotation of full pages or parts of pages. Each page in a consecutive report may have its own unique form without the use of a Flash or COPYMOD. Page Formatting Services offers the user community versatility, ease of usage and sophistication in document production not otherwise available through standard software. The notice details for prospects/customers the IUP benefits, advantages, functions and operations, along with essential information on programming, installation, education, software and hardware requirements, and charges.

Release Notice, 8 1/2 x 11 inches, 4 pages, 4/79
 /////5796-AWE

G320-6093

AUTOMATIC PASSWORD GENERATION FOR RACF IUP 5796-PLK, NOTICE

The RACF/Codes Update System Installed User Program is a fully automated password generation and auditing system. It provides the installation with the ability to update RACF user type passwords and/or audit their users within any desirable time frame. With the use of the system, a RACF installation can centralize the control of the password assignment and change functions which are normally a RACF user responsibility.

The RACF/Codes Update System is designed to be used with "snap-out" form-type mailers, which are readily available from various forms vendors. The program prints the new password, name and address, and any user message on the cover sheet of the special form. This cover sheet is removed and held as the master listing and is used for the auditing process. The new password and message are printed only on the cover sheet and on the inside part of the form. This is accomplished by the arrangement of carbons within the mailer envelope. The new password is visible only when it is separated from the envelope portion of the multipart form.

Flyer, 4 pages, 1/79
 /////5796-PLK

G320-6096

PL/I LANGUAGE CONSTRUCTION PRE-PROCESSOR, IUP 5796-PLL, NOTICE

The PL/I Language Construction Preprocessor IUP permits construction of new language statements within PL/I. Using it, one may create a "language within a language" - i.e., a set of commands for simulation, database access, graphics, etc., which will be translated to PL/I Code.

The IUP was written in PL/I and Assembler Language and is designed to operate with OS/VS1, OS/VS2 and VM/370 CMS. It requires the use of the PL/I optimizing compiler (5734-PL3).

Release Notice
 /////5796-PLL

G320-6098

IMS-CMS DATA LINK FOR VM/370 IUP 5796-PLF, NOTICE

This program links the power of APL or CMS data manipulation with the data storage capabilities of IMS. An APL or CMS user may submit IMS transactions and, upon completion, of IMS processing, have IMS output available in the user's APL or CMS address space. After processing the data, the user may store results in the IMS system. This publication describes the program functions as well as programming, configuration, installation, maintenance, and ordering information.

Flyer, 4 pages, 1.79
 /////5796-PLF

G320-6100

HIGH SPEED SEQUENTIAL RETRIEVAL FOR IMS/VS, IUP 5785-LAA, NOTICE

With HSSR, an installation may:

- Reduce the time required for batch processing
- Find that new batch applications are now feasible
- Run online for a longer period of time.

This International Field Program was developed by, and is running at the Swiss Bank Corporation, Basel, Switzerland.

High-Speed Sequential Retrieval (HSSR) was designed to reduce the CPU time required for sequential retrieval of large physical IMS data bases.

The HSSR functions can be substituted for basic DL/I retrieval calls in IMS batch programs. An application program using HSSR issues the DL/I calls to HSSR instead of DL/I. The structure of the application program from HSSR are the same as if the call had been handled by DL/I. HSSR has an option to have all data base calls handled by both HSSR and DL/I. Segment and feedback information returned are compared by the HSSR compare option.

When the application program gets control, Program Control Block (PCB) parameters are passed to it. Some PCBs are normal DL/I PCBs and may be used to issue normal DL/I calls. Others are HSSR PCBs. They have the same layout as DL/I PCBs and may be used to issue, through the HSSR language interface, those GU and GN calls that are supported by HSSR.

Flyer, 4 pages, 2/79
 /////5785-LAA

G320-6153

APL HANDBOOK OF TECHNIQUES WORKSPACE IUP 5796-PLP, NOTICE

This IUP consists of the machine-readable equivalent of the APL code which appears in the publication, The APL Handbook of Techniques, form number S320-5996. It may be used as the nucleus of a personal workspace. With it application development may be simplified considerably by using English-like expressions within your APL functions.

This IUP is written entirely in the APL language and is designed to operate with program product VS APL, program number 5748-AP1.

Flyer, 4 pages, 1/79
 /////5796-PLP

G320-6155

VSE PERFORMANCE TOOL, IUP 5796-PLQ, NOTICE
The performance of an IBM System 4300 operating under DOS/VSE with VSE/Advanced Functions or an IBM System 370 operating under DOS/VSE or DOS/VS depends on many complex and interrelated factors. Manual or theoretical methods cannot adequately evaluate machine/system performance. The VSE/PT Installed User Program is a software tool that provides the ability to measure and report many performance-related factors of such a system.

It uses dynamic event tracing and/or periodic statistical sampling to record system status on an output data file. Subsequently, a series of reports can be produced to aid in the evaluation of software and hardware performance during the entire monitoring period or any portion thereof.

Used on a regular basis, VSE/PT can help answer some key performance questions. It can measure the changing environment to aid in an understanding of the system's internal operations. The measurement detail can be used to identify where changes to the system may produce an improvement in overall performance. Subsequent analysis can verify that the changes produced the desired result. Finally, an analysis of the VSE/PT reports can assist in determining which resources are available for the future growth of the system.

Release Notice
/////5796-PLQ

G320-6159

JES3 MONITORING FACILITY II, IUP 5796-PLW, NOTICE
The JES3 Monitoring Facility II (JMFII) IUP provides the MVS/JES3 user with information on the activities and resource utilization of JES3. This information can be used to evaluate the performance of an existing MVS/JES3 system and to understand the impact of particular JES3 functions on the entire system. Used on a regular basis, JMFII can assist in identifying changes in the JES3 environment that affect overall JES3 performance. Such information may be useful in planning for future growth of the system.

JMFII supports JES3 Release 3 (SU26) and replaces the JES3 Monitoring Facility (JMF) 5796-PHR IUP.
Release Notice
/////

G320-8088

CICS ON-LINE TEST/DEBUG FOR CICS/OSS, CICS/DOSS & CICS/DOSE: CON EDISON, IUP 5796-AEF NOTICE
CICS On-Line Test/Debug provides the programmer with the facilities to test and debug application programs or user files while CICS is operating by entering command statements via a 3270 Information Display System. The features include the ability to display and location in main memory of the machine, alter any location within the CICS job step boundaries, stop the execution of a specific CICS task at a specific address within an application program, display and alter storage records on any data set available to the CICS job step, immediately update changes made to storage records on file, and open or close files on-line. In effect, this program provides a programmer with access to a 3270 the ability to "console debug" programs without interrupting the normal operation of your installation.

Flyer, 4 pages
/////5796-AEF

G320-8089

CICS/COBOL CALL INTERFACE FOR CICS/OSS CICS/DOSS & CICS/DOSE: NATIONAL BANK OF DETROIT, IUP 5796-AEG NOTICE
Current users of the Customer Information Control System (CICS) who are writing application programs in ANS COBOL usually write Assembler Language macros in their application programs. This procedure requires the use of the CICS Preprocessor Program and two compilations of the program, one for the Assembler Language macros and one for the COBOL.

This program provides a COBOL/CICS interface technique which eliminates the use of the CICS Preprocessor Program and makes the writing and debugging of ANS COBOL/CICS application programs considerably easier. The system consists of 12 modules, one for each of the CICS management functions, and a Resident Interface Module. When the COBOL application programmer requires a CICS service, rather than write an Assembler Language macro, he simply codes a predefined COBOL CALL statement passing a list of parameters depending upon the service requested. The tested CICS macro is then issued in the subsequently called CICS Service Handler and control is returned to the requesting COBOL program upon completion of the CICS service.

Flyer
/////5796-AEG

G320-8099

3270 SCREEN IMAGE PROCESSOR FOR IMS AND IMS/VS - IUP 5796-AFC, RELEASE NOTICE
The Screen Image Preprocessor is a productivity aid which simplifies the design and implementation of IMS/3270 applications. Each 3270 screen format added to an IMS system necessitates the preparation of many detailed control statements as input to the Message Format Language Utility. Using a single control statement and only one card image for each line to be represented on the screen, the Preprocessor generates the required IMS input statements. Each line of the screen image is coded exactly as it is to appear on the 3270 screen. Field control information (attribute bytes),

which do not appear on the actual screen but occupy one screen character position at the beginning of each field, must also be coded to specify the desired field types. The Preprocessor output includes a printed representation of the screen layout in addition to generated control statements which may be printed or passed to the Utility.

Flyer
/////5796-AFC

G320-8106

2927 DUAL PRINTER UTILITY PROGRAM - IUP 5796-AFK, RELEASE NOTICE

This IUP supports two IBM 1403 N1 printers connected to the IBM 2927 Tape to Printer RPQ. The RPQ with this IUP provides for high volume production printing for direct mail addressing, labeling, letter writing and premium notice printing at low cost. Each printer is operated independently of the other. Tapes are prepared in previous operations in the desired format. Two volumes of a multi-volume file or two separate jobs operate simultaneously. This program will not run on the IBM 2927 single printer model. FDP 5798-AKH as described in GB21-0610 provides comparable support for the single printer model.

Flyer
/////5796-AFK

G320-8107

DOS DBDUMP UTILITY PROGRAM PRODUCTIVITY AID FOR DOS DATA BASE APPLICATION PROGRAM TESTING (VANDL/I CR DL/I)

INSTALLED AT SAGNER INC., FREDERICK, MD.
This flyer contains highlights of the DOS DECUMP Utility Program, an Installed User Program in use at the Sagner Inc., Frederick, Maryland.

Flyer, 4 pages
/////5796-AFY

G320-8111

3525 GENERAL PURPOSE UTILITIES, IUP 5796-AGE, NOTICE

This document describes for potential customers use of 3525 General Purpose Utilities for System/370.

This IUP consists of four programs:

1. A program for interpreting anywhere on a card. Control cards specify print location and source data location.
2. A program that prints up to 64 characters from a source to a data card. Data cards can be punched or blank.
3. A program by which data is posted from a detail card to a specified location on a master card. For example, employee hours worked could be posted weekly to an employee year-to-date card. The program assumes that the master card immediately follows the detail card. A master-detail card pair is defined by equal information in a specified control field in both cards. The program is able to ignore an incomplete pair or halt on an incomplete pair.
4. A multi-phase program to reproduce cards, interpret cards, gangpunch into cards, and/or insert sequence numbers. Multiple operations, for reproduce, gangpunch, and insert sequence numbers, can be done in a single run. For this, program control cards are submitted for each function requested, and repro requests will override gangpunch request for conflicting field definitions. An additional feature of this program is the ability to gangpunch a specified number of cards.

Release notice, 4 pages, 1/75
/////5796-AGE

G320-8114

3270 SUPPORT UNDER TSO, IUP 5796-AGH, NOTICE

This document contains information on use of Full Screen 3270 Support for PL/I and Assembler Application Programs under TSO, a multifunction and multipurpose subroutine. It provides an interface between the IBM 3270 Information Display System and PL/I or Assembler programs running under TSO. The IUP provides convenient, meaningful access to all the features of the IBM 3270, and isolates the programmer from the many intricacies of the device while still allowing complete control over every aspect of the terminal. Coupled with TSO, Full Screen 3270 Support for PL/I and Assembler Application Programs under TSO allows true interaction between a running program and a user at an IBM 3270 display terminal.

Release Notice, 4 pages, 10/75
/////5796-AGH

G320-8120

VM/370 SYSTEM FOR ONLINE TAPE AND DISK LIBRARIES - IUP 5796-AGN, NOTICE

The VM/370 System for Tape and Disk Libraries is an IUP for the control of user tape and disk libraries. It works online under CMS with commands to control the assignment and accounting for user volumes. The system operator can add, delete, and modify a record associated with a particular mountable volume. It can make a large pool of tapes and disks accessible to a large number of time sharing users by providing the storage location and accounting information available online. The benefits are improved data security, quicker location of volumes, quicker response to mount

commands, automatic bookkeeping and improved system control.

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Release Notice
 /////5796-AGN

G320-8124

DOS TO OS CONVERSION SYSTEM - IUP 5796-AFZ, NOTICE
 The DOS to OS Conversion System IUP automates the conversion process for JCL, COBOL, RPG, SORT and some utility programs. DOS JCL and DOS programs are displayed side by side with their OS equivalents. The OS equivalents are punched with JCL ready for compilation and cataloging for testing. COBOL D programs are processed by the Language Conversion Program to bring them to the ANS COBOL level before conversion. COBOL programs with End of page indicators are modified for handling of the carriage control tape. ALL CALL subroutines are identified for further resolution. DOS RPG FILENAMES are converted to OS RPG DDNAMES through the use of cards provided during the conversion process. All SORT Control Cards are handled automatically. A management report is provided as part of the process which shows the status of the conversion on a dynamic basis.

The Envirotech Corporation converted 1,200 routines to OS/VS from four geographically separated divisions while consolidating their operations at Salt Lake City, Utah. They did this with one system programmer and three part-time clerical personnel in six months through the use of the Conversion System. They estimate that two-thirds of all time and effort were saved over manual alternatives.

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Release Notice
 /////5796-AFZ

G320-8127

SMF GRAPHICAL ANALYSIS PROGRAM, IUP 5796-AFP, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The SMF-Graphical Analysis Program is designed to bridge the gap between the detailed accounting data provided by the OS or VS System Management Facilities (SMF) and the high-level, easy-to-read summarized reports required by data processing management.

SMF-GAP consists of three PL/I "structured programs" which process the raw SMF provided by MPT, MVT, VSL, and VS2 (with or without HASP-V4). Nine reports are produced, containing four tabular listings, one two-part chart, three detailed histograms, and seven summary histograms.

In addition, a reformatted SMF data set is produced which can be read by user-written programs to provide accounting or other specialized reports. The records in this data set are compatible with PL/I, Assembler, or COBOL. Availability Notice, 6 pages
 /////5796-AFP

G320-8137

DOS/VS 2560 SORT, IUP 5796-AGX, NOTICE

No abstract available.

Flyer, 4 pages
 /////5796-AGX

G320-8138

EXTENDED COBOL SORT, IUP 5796-AGZ, NOTICE

This document contains information on use of the Extended COBOL Sort which provides the COBOL installation with sorting and merging power never before available. It increases sort capacity to either 16 or 32 times normal. Thus the programmer need no longer be concerned about the hardware availability or the volume of data to be expected during actual production.

Extended COBOL Sort's merge-simulation feature simplifies the merging of files in a COBOL program. The programmer uses a language compatible with the proposed ANS standard MERGE statement, and a true merge can be executed in a COBOL program.

Release Notice, 4 pages, 9/75
 /////5796-AGZ

G320-8141

IMS/VS LOGTAPE MANAGEMENT SYSTEM, IUP 5796-AHT NOTICE

This document contains information on use of the Logtape Management System (LMS), installed at Minnesota Mutual Life Insurance Co. in St. Paul, Minnesota. LMS is designed to automate the assignment and recordkeeping of IMS system logtapes. It maintains information which it will use to generate JCL and control statements for IMS accumulation and/or recovery utilities. Automation of these functions eliminates existing problems of manually maintaining information and creating JCL for IMS utilities.
 Release Notice, 4 pages, 10/75

/////5796-AHT

G320-8142

TCAM/VIDEO 370 INTERFACE, IUP 5796-AHR, NOTICE

This document contains information on use of the TCAM/VIDEO-370 Interface, a TCAM application program which enables the user to have VIDEO-370 (5734-RC5) execute as an application using TCAM as the TP access method instead of ETAM. All VIDEO-370 functions are supported without change. The TCAM-370 functions are supported without change. The TCAM/VIDEO-370 Interface capability is in operation at The Connecticut Bank and Trust Company in Hartford, Connecticut.

Highlights:

- o Terminal Sharing - the ability to access multiple applications under TCAM
- o Enable TCAM users to run VIDEO-370 under one common TP access method, thus reducing system and maintenance requirements
- o Display VIDEO-370 users at the console
- o Master console message when a VIDEO user signs on or off
- o Cost savings on terminals associated with terminal sharing capability

Release Notice, 4 pages, 12/75
 /////5796-AHR

G320-8146

COBOL MAINTENANCE AND DOCUMENTATION AID, IUP 5796-AHY, 5796-AHZ, NOTICE

This document contains information on use of the COBOL Maintenance and Documentation Aid (CMANDCCC), a productivity tool that is an adjunct to the top-down development and structured programming techniques of today. CMANDOCO was written by the International Playtex Company to fulfill their need for better detail-level documentation and to help reduce the cost of preparing, maintaining, and storing that documentation.

Release Notice, 6 pages, 12/75
 /////5796-AHY,5796-AHZ

G320-8149

SVS/MVS SYSTEM IMPACT ANALYSIS, IUP 5796-AJF, NOTICE

No abstract available.

Flyer, 12 pages
 /////5796-AJF

G320-8150

IMS 3270 LOCAL COPY, IUP 5796-AHL, NOTICE

This document contains information on use of the IMS 3270 Local Copy IUP, which provides a hard copy facility for printing 3270 displays on locally attached components of the IBM 3270 Information Display System. It provides a function similar to that currently available for remote IBM 3270 terminals.

Release Notice, 4 pages, 1/76
 /////5796-AHL

G320-8153

GENERALIZED DOS/VS FILE MAINTENANCE SYSTEM, IUP 5796-AJJ NOTICE

No abstract available.

Flyer, 8 pages
 /////5796-AJJ

G320-8154

FORTRAN CONVERSION AID

This document describes FORTRAN Conversion Aid Installed User Program, a tool which can assist in converting various non-System/370 FORTRAN dialects to System/370 executable code. Conversion is accomplished by a combination of translation, documentation, hand modification, re-compilation and object-time library simulation.

Flyer, 8 1/2 x 11 inches, 4 pages, 6/76
 /////5796-PFG

G320-8155

DATA ENTRY CONTROL AND AUDIT SYSTEM, IUP 5796-ARC, NOTICE

This document describes for potential customers use of the Data Entry Control and Audit System, which provides:

- o Visibility into content of cards, tapes and diskettes
- o Labeling of all input records
- o Journal of input data reansactions
- o Media-independent input to application programs via "Include" feature of POWER/VS
- o Extraction of selected records from journal with a choice of media
- o Economical storage of historical data
- o Ability to back out faulty batches of data
- o Establishment and recomputation of transaction counts

The system was developed to meet four goals: (1) facilitate transition to and operation of the diskette data entry media, (2) provide an input control system to support multiple remote input operation, (3) provide an auditing and backup system, and (4) provide an archival system for economical storage of historical data.

Release notice, 4 pages, 4/76
 /////5796-ARC

G320-8156

DOS/VS DBDUMP UTILITY PROGRAM, IUP 5796-AJE, NOTICE
 This document contains information on use of the DOS/VS DBDUMP Utility Program, which provides the users of DL/I DOS/VS (Data Language/I DOS/VS), DL/I Entry (Data Language/I Entry), and VANDL/I (Vancouver Data Language/I) with the ability to access, display, and optionally change data bases. Implementation time in testing data base applications can be saved by:

- o Displaying data bases to verify change activity without additional programming
- o Scanning for the presence of segments and listing them for content verification
- o Changing data contained in segments to correct errors generated by an application program error

Major features:

- o Lists entire data base
- o Lists selected data base records
- o Lists selected segments only
- o Scans for data within a segment
- o Updates information in a segment

Release Notice, 4 pages, 11/75
 /////5796-AJE

G320-8157

IMS/VS HDAM RANDOMIZING ALGORITHM ANALYZER, IUP 5796-AJL, NOTICE
 This document contains information on use of the IMS/VS HDAM Randomizing Algorithm Analyzer, which takes the guesswork out of evaluating the randomizing of key numbers for IMS data bases. It allows the user to see how a particular randomizing algorithm is going to perform against a set of keys without actually creating a data base. He can try as many algorithms as he wants in one run with no changes to his data bases or DBDs. If he doesn't like the result, he can make changes and try again. By having the most effective randomizing algorithm possible, transaction processing time can be reduced. Also, the need for data base reorganization may be eliminated. This IUP provides an inexpensive, easy to use, and effective evaluation tool.
 Release Notice, 4 pages, 1/76
 /////5796-AJL

G320-8159

DOSMAP - DLI, IUP 5796-PCW, NOTICE
 This document contains information on use of DOSMAP-DL/I, a logical approach to better documentation and communication related to DL/I DOS/VS data bases. DOSMAP DL/I builds and prints a pictorial layout of the data base descriptions (DBDs) and program specification blocks (PSBs) of the DL/I DOS/VS data bases. DOSMAP-DL/I should be used each time a DL/I DOS/VS data base is created or changed. The printouts can serve as a handy reference to assist in visualizing logical and physical relationships within the data base. They can act as visual aids for training, and as a recording medium to retain the historical and current status of the DL/I DOS/VS data bases. The maps can also be used as a reference when the data base requirements of current and proposed applications are compared and evaluated.
 Release Notice, 6 pages, 12/75
 /////5796-PCW

G320-8160

DOS/VS PRE-SORT PROCESSOR, IUP 5796-AJT, NOTICE
 This document contains information on use of the DOS/VS Pre-Sort Processor. This IUP is a special purpose utility program, designed to aid in converting difficult offline card sorting operations and to prepare and change data via substitution with control cards prior to a DOS/VS disk sort. It would be particularly useful where diskette input is being considered and offline sorting operations become impossible.
 This program reads cards or card images from diskette, tape, or sequential disk and builds a sort key on the front of each record. The contents of the appended sort key are established by user-supplied control cards. The control cards indicate which fields will be used to build the sort key, what sequence to use in sorting, and what exceptions will apply. The exceptions can either be substitute values for sorting purposes, or transactions to be eliminated from the input.
 Release Notice, 4 pages, 1/76
 /////5796-AJT

G320-8161

VSAM DATASET SUBROUTINES, IUP 5796-AJW, NOTICE
 This document contains information on use of VSAM Access Subroutines, the purpose of which is easy access for full-function VSAM files through a variety of high-level languages. A standard CALL interface (from COBOL, FORTRAN, Assembler) to perform VSAM requests helps simplify the application programmer's job; a step-by-step installation procedure and sample program assists the first-time VSAM user by providing jobs for VSAM object definition and examples of access to key-sequenced and alternate index data sets. Comprehensive error codes and messages can isolate user or system errors. All language users can benefit from a common interface to VSAM files.
 Release Notice, 4 pages, 4/76
 /////5796-AJW, 5796-AJX

G320-8166

GENERAL PURPOSE TAPE & DISK SCANS, IUP 5796-AGY, NOTICE
 This document describes for potential customers use of General Purpose Tape and Disk Scans.
 Two programs are provided: one for disk scans and the other for tape scans. Input parameters to both programs are supplied on control cards. The File Description card defines the record format, disk extent or number of tape reels, and output options. The Field Select card defines the location and length of the fields to be scanned, and the user's search conditions. The programs will handle a maximum of 12 record fields with lengths of up to 15 packed decimal digits or 64 characters. Two fields within a key on disk, with lengths of up to 16 bytes each, can also be scanned. Multiple field arguments (two or more values for the same field) are permitted, and the scan arguments may be selected on an "and" or "or" relationship.
 A tape, disk, and/or print file of the selected records can be produced through parameter specification. Printed output can be in hexadecimal or character format.
 Release notice, 4 pages, 4/75
 /////5796-AGY

G321-5084

VM/370 - A STUDY OF MULTIPLICITY AND USEFULNESS
 This paper is an overview of IBM's Virtual Machine Facility/370. It describes the virtual machine concept and its capabilities and implementation in VM/370. Two components of VM/370 are discussed - the control program and the Conversational Monitor System. The usefulness of VM/370 in multiple and diverse environments is covered. New developments in VM/370 from hardware assists to system extensions, networking, and handshaking are briefly described as an introduction to the rest of the papers in this issue.
 Journal reprint, 7 x 10 inches, 15 pages, 2/79

G321-5085

THE CHANGING VIRTUAL MACHINE ENVIRONMENT: INTERFACES TO REAL HARDWARE, VIRTUAL HARDWARE, AND OTHER VIRTUAL MACHINES
 This paper is a survey of changes to virtual machine interfaces, implementation, architecture, and simulation techniques as they affect IBM System/370 and 303X (3031, 3032, 3033) processors, the system control program to which virtual machines interface, and other Virtual Machines executing on the same real computing system or elsewhere. The paper seeks to summarize such changes and provide a perspective on the virtual machine environment. New uses of virtual machine subsystems are discussed as they relate to inter-virtual communication.
 Journal reprint, 7 x 10 inches, 29 pages, 2/79

New Abstracts

GA19

- GA09-1000
IBM 5990 SYSTEM: SYSTEM SUMMARY MANUAL: RPQ 8T0146
5996-T01 DATA ACQUISITION CONTROLLER; 5799-WJF EXCHANGE
DATA COLLECTION PROGRAM SUPPORT
 This manual describes the IBM 5990 System and its function in common carrier switching centers or exchanges. The two major components of the system are the IBM 5996-T01 Data Acquisition Controller and the IBM 5799-WJF Exchange Data Collection Program Support. It is intended for use by telephone company management personnel.
 Manual, 34 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA11-8632
5973-L02 NETWORK INTERFACE ADAPTER (NIA) PRODUCT
DESCRIPTION MANUAL
 The IBM 5973-L02 Network Interface Adapter (NIA) specify code 9843 is used to connect SNA clusters (PUs type 1 and 2) to an IBM 3705 Communications Controller loaded with Program 5799 ARJ through either TRANSPAC in France, or DATAPAC in Canada.
 This manual provides the operator of the IBM 5973-L02 NIA with the information that is necessary to understand in what environment and how the 5973-L02 NIA operates.
 Manual, 8 1/2 x 11 inches, 38 pages, 5/79
 //14/5973/
- GA11-8639
5935-L03 BANKING TERMINAL REFERENCE INFORMATION RPQS Y96695
AND Y96750 (VERSION 2)
 This publication gives reference information for the IBM 5935-L03 Banking Terminal, RPQs Y96695 and Y96750 (version 2), to the following bank personnel:
 Data processing manager or specialist evaluating the 5935 Planner preparing the installation of the terminal
 Programmer coding the bank applications
 Instructor preparing education package
 Supervisor
 Manual, 8 1/2 x 11 inches, 258 pages, 9/80
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA11-8643
5973-L02 REMOTE NETWORK INTERFACE ADAPTER SPECIFY CODE 7043
PRODUCT DESCRIPTION MANUAL
 The 5973-L02 Remote Network Interface Adapter (NIA) Specify Code 7043 is a standalone unit that allows attaching a single SNA type 1 or 2 terminal/cluster to a Public Packet Switching Network (PPSN), using the X25 Packet Data Transmission Procedure.
 The 5973-L02 is designed to be used with the DATAPAC PPSN in Canada, the TRANSPAC PPSN in France, the DTEX-P PPSN in Germany, or the DN-1 PPSN in the Netherlands.
 The host must use either a 3705-2 with the 5799-BAK PRPQ, or a Communications Adapter plus a 5973-L02 Specify Code 7042 to interface the 5973-L02 via the PPSN.
 The 5973-L02 Specify Code 7043 is connected to the Standard Network Architecture (SNA) through a single virtual circuit. This virtual circuit may either be permanent or switched.
 Manual, 8 1/2 x 11 inches, 36 pages, 11/80
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA18-2018
3287 PRINTER PLANNING AND SITE PREPARATION GUIDE
 This guide provides information needed by the customer to assist in planning for the installation of the IBM 3287 Printer, Models 1, 1c, 2, 2c, 11, and 12. The 3287 is a Customer Setup (CSU) printer.
 Manual, 8 1/2 x 11 inches, 17 pages, 9/79
 //15/3287/
- GA18-2033
3101 DISPLAY TERMINAL DESCRIPTION
 This manual provides customer executives, management, planners, programmers, system analysts, system engineers, installation personnel, and IBM marketing representatives with a component description, programming considerations, setup and site preparation information relating to the IBM 3101 Display Terminal.
 Manual, 8 1/2 x 11 inches, 164 pages, 10/79
 //09/3101/
- GA18-2035
3101 DISPLAY TERMINAL OPERATOR REFERENCE INFORMATION
 This publication provides a brief information in operating the IBM 3101 Display Terminal. The 3101 is a tabletop terminal consisting of three workstation elements, which is designed for setup, relocation, and problem analysis and resolution by a customer. The readers are customer operators who are familiar with normal typewriter keyboard.
 Manual, 8 1/2 x 11 inches, 8 pages, 9/79
 //09/3101/
- GA18-2036
3101 DISPLAY TERMINAL CUSTOMER PROBLEM ANALYSIS AND
RESOLUTION GUIDE
 The 3101 Display Terminal is comprised of three work station elements (video element, keyboard element, and logic element). The purpose of this manual is to help the operator identify a failing element and replace it with a good one.
 Booklet, 3 3/4 x 8 1/2 inches, 45 pages, 1/80
 //09/3101/
- GA18-2051
AN INTRODUCTION TO THE 3101 DISPLAY TERMINAL
 This publication provides a brief description of the IBM 3101 Display Terminal. The 3101 is a tabletop terminal consisting of three workstation elements, which is designed for setup, relocation, and problem analysis and resolution by a customer.
 The readers are customer management, planning, and analysis personnel who have a basic knowledge of data processing.
 Manual, 8 1/2 x 11 inches, 28 pages, 9/79
 //09/3101/
- GA18-2065
3102 PRINTER DESCRIPTION
 This publication provides an introductory description, reference material and site preparation information for the IBM 3102 Printer.
 Manual, 8 1/2 x 11 inches, 28 pages, 9/79
 //03/3102/
- GA19-5039
3274 CONTROL UNIT PLANNING, SETUP AND CUSTOMIZING GUIDE
WITH RPQS 7H0431 - DUTCH PUBLISHING CHARACTER SET 7H0417
- GERMAN PUBLISHING CHARACTER SET UE4526 - FRENCH
PUBLISHING CHARACTER SET 7H0419 - SPECIAL EDITING FEATURE
SUPPORT
 Provides planning, setup and customizing information supplementary to that contained in IBM 3270 Information Display System: 3274 Control Unit: Planning, Setup, and Customizing Guide, GA27-2827, with which this guide should be used. This supplementary information is required when the following Request for Price Quotations (RPQs) are present: 7H0431, 7H0417, and 7H0419.
 Manual, 8 1/2 x 11 inches, 14 pages, 11/79
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA19-5040
3278 DISPLAY STATION MODEL 2: CUSTOM FEATURE DESCRIPTION WI
RPQS: 7H0418 - SPECIAL EDITING FEATURE, 7H0430 - DUTCH
PUBLISHING CHARACTER SET, XC4480 - GERMAN PUBLISHING CHARACT
SET, UB4502 - FRENCH PUBLISHING CHARACTER SET.
 This publication provides information about the Special Editing Features present in the IBM 3278 Display Station, Model 2 when Request for Price Quotation (RPQs) 7H418, 7H430, XC4480, and UE4502 are installed.
 Manual, 8 1/2 x 11 inches, 48 pages, 02/80
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA19-5041
3287 PRINTER MODELS 1 AND 2 PROBLEM DETERMINATION GUIDE FOR
RPQS: 7H0307, 7H0317, 7H0327
 This Problem Determination Guide, (PDG), has been prepared for use with the IBM 3287 Printer, Models 1 and 2, when the following RPQs are installed: RPQ 7H0307, RPQ 7H0317, RPQ 7H0327.
 This document provides the operator with sufficient information to assess the possible cause of a printer failure and includes suggested remedial actions.
 Manual, 8 1/2 x 11 inches, 38 pages, 8/79
 //14/3287//WT-ONLY
- GA19-5167
3800 PRINTING SUBSYSTEM USERS GUIDE FOR FORM LENGTH 2 X 4
1/6 OR 8 1/3 INCHES, FORM LENGTH 3 X 4 1/6 OR 12 1/2
INCHES, RPQ XA9753 AND RPQ ZA9754
 This publication provides detailed information about the 8 1/3 and 12 1/2 inch Forms Lengths, RFQs (XA9753 and XA9754), two new custom features for the IBM 3800 Printing Subsystem.
 It is intended for data processing managers, programming personnel, operators, and form designers.
 Manual, 8 1/2 x 11 inches, 60 pages, 5/79
 //14/3800/
- GA19-5171
3287 PRINTER MODELS 1 AND 2 USER'S GUIDE FOR THE
AUTOMATIC DOCUMENT INSERTION DEVICE, RPQ 7S0251, 7S0283
 This manual describes the Automatic Document Insertion Device (ADID) and the ADID Chutes/Variable Width Forms Tractor Combined paper handling devices designed specifically for the 3287 Printer Models 1 and 2. It gives detailed information for customer executives, programming personnel, forms designers, and operators who are aware of the intended use of the 3287 printer.
 NOTE: Translated version should be ordered from respective country.
 Manual, 8 1/2 x 11 inches, 8/80
 //14/3287//WT-ONLY

GA19

GA19

GA19-5173

3287 PRINTER MODELS 1 AND 2 WITH THE AUTOMATIC DOCUMENT INSERTION DEVICE RPQ 7S0251 PROBLEM DETERMINATION GUIDE
This problem determination guide is intended for use by operators of the IBM 3287 Models 1 and 2 with the Automatic document Insertion Device - RPQ 7S0251. It is designed to save the operator time by pointing out possible causes of troubles that he can easily and quickly correct.
Manual, 8 1/2 x 11 inches, 42 pages, 6/79
//14/3287//WT-ONLY

GA19-5178

5922 DOCUMENT READER MODEL S11 COMPONENT DESCRIPTION
This publication contains information about the IBM 5922 Document Reader Model S11 and how it is used in the IBM 3600 Finance Communication System, IBM 3270 Information Display System, and IBM 8100 Information System.
Directed primarily to programmers, this manual provides detailed information necessary in the writing of application programs for the 5922 terminal.
Manual, 8 1/2 x 11 inches, 84 pages, 10/80
//14/5922//WT-ONLY

GA19-5181

3800 PRINTING SUBSYSTEM OPERATOR ATTENTION CONTACTS RPQ 7S0263 USER'S GUIDE
This publication provides detailed information about the Operator Attention Contacts RPQ available for the IBM 3800 Printing Subsystem. It is intended primarily for 3800 users who may have a need for a special operator alert device not provided by the base 3800 printer.
Manual, 8 1/2 x 11 inches, 10 pages, 9/79
//14/3800//WT-ONLY

GA19-5182

3800 PRINTING SUBSYSTEM USER'S GUIDE FOR PRINT 1/3 INCH FROM BOTTOM RPQ YB0029
This publication provides detailed information about the Print 1/3 Inch From Bottom RPQ, a new custom feature available for the IBM 3800 Printing Subsystem. It is intended primarily for current and prospective users of the 3800, particularly those concerned with the operation of the printer equipped with the RPQ.
Manual, 8 1/2 x 11 inches, 26 pages, 1/80
//14/3800//WT-ONLY

GA19-5183

3800 PRINTING SUBSYSTEM USER'S GUIDE FOR EXTENDED PAPER WEIGHT RPQ XB6128
This publication provides detailed information about the Extended Paper Weight RPQ, a new custom feature available for the IBM 3800 Printing Subsystem. It is intended primarily for current and prospective users of the 3800, particularly those concerned with the design of forms and the operation of the printer equipped with the RPQ.
Manual, 8 1/2 x 11 inches, 16 pages, 6/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5187

5922 DOCUMENT READER MODEL S11 SITE PREPARATION GUIDE
This guide is for those concerned with planning and preparing the user's premises for the IBM 5922 Document Reader Model S11. It provides information to help the user prepare for the setup of the 5922 when it arrives.
Manual, 8 1/2 x 11 inches, 22 pages, 6/80
//14/5922//WT-ONLY

GA19-5193

4331 PROCESSOR TELEGRAPH TERMINAL CONTROL - TYPE 2 FUNCTIONAL CHARACTERISTICS RPQ 6S0276
This publication provides management, system analysts, and programmers with information relating to the characteristics of the Telegraph Terminal Control - Type 2 RPQ, a custom feature available for the IBM 4331 Processor.
Manual, 8 1/2 x 11 inches, 32 pages, 6/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5199

3800 PRINTING SUBSYSTEM USER'S GUIDE FOR PROGRAMMABLE FLASH RPQ
This publication provides detailed information about the Programmable Flash RPQ, a new custom feature available for the IBM 3800 Printing Subsystem. It is directed primarily to application programmers.
Manual, 8 1/2 x 11 inches, 14 pages, 11/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5200

3278 DISPLAY STATION PROBLEM DETERMINATION GUIDE SUPPLEMENT FOR GERMAN PUBLISHING CHARACTER SET RPQ XC4480 AND SPECIAL EDITING FEATURE RPQ 7H0418
Problem Determination Guide supplement describing the differences between the standard IBM 3278 operations and machines fitted with RPQ 7H0430 (German Publishing Character Set) and RPQ 7H0418 (Special editing feature) read in conjunction with IBM 3278 Display Station Problem Determination Guide, GA27-2839.
Manual, 10 x 1.75 inches, 24 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5232

3270 INFORMATION DISPLAY SYSTEM 3276 CONTROL UNIT DISPLAY STATION, PROBLEM DETERMINATION GUIDE, 3278 DISPLAY STATION PROBLEM DETERMINATION GUIDE SUPPLEMENT FOR BARCODE READER RPQ ZA2415
Problem Determination Guide Supplement for the Barcode Reader attachment to the 3276 or 3278 Display station. This supplement contains sections which relate only to the barcode reader, and are additional to the information contained in the white pages. It should be read in conjunction with the 3276 Control Unit Display Station Problem Determination Guide, Form number GA18-2014 and the 3278 Display Station Problem Determination Guide Form number GA18-2839.
This supplement should be placed with the basic Problem Determination Guide inside the keyboard information compartment.
Manual, 44 x 250 mm, 12 pages, 6/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5233

3287 PRINTER OPERATOR'S GUIDE FOR TRACTOR/FORMS SEPARATOR (RPQ ZB7224)
This publication describes for the 3287 Printer operator how to install, operate, and remove the IEM 3287 Printer Tractor/Separator (RPQ ZB7224). It also describes how to load and align margin-punched continuous forms on this device.
Manual, 8 1/2 x 11 inches, 26 pages, 5/79
3031, 3032, 3138, 3148, 3195, 3115, 3033, 3155, 3165, 3145, 3135, 3158, 3168, 3125, 4331, 4341//14/3287//

GA19-5234

3274 CONTROL UNIT PLANNING, SETUP, AND CUSTOMIZING GUIDE SUPPLEMENT FOR RPQ YB2705 SPECIAL BELGIAN CHARACTER SET
The information in this supplement applies to the IBM 3274 Control Unit with Request for Price Quotation (RFQ) YE2705 present, and should be read in conjunction with IBM 3270 Information Display System, 3274 Control Unit: Planning, Setup, and Customizing Guide, GA27-2827.
Manual, 8 1/2 x 11 inches, 10 pages, 9/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5235

3276 CONTROL UNIT DISPLAY STATION 3278 DISPLAY STATION PROBLEM DETERMINATION GUIDE FOR SPECIAL BELGIAN CHARACTERS RPQS YB2706, YB2708
Provides problem determination information that relates to the IBM 3276 Control Unit Display Station and IBM 3278 Control Unit Display Station when these have the Special Belgian Characters RFQs YB2706 and YE2708.
The guide is for use by the operator of the display station and is supplementary to the base Problem Determination Guides; these are:
• IBM 3276 Control Unit Display Station, Problem Determination Guide, GA18-2014.
• IBM 3278 Display Station, Problem determination Guide, GA27-2839.
Manual, 257 x 45 mm, 10 pages, 8/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5236

3270 INFORMATION DISPLAY SYSTEM: BARCODE READER ATTACHMENT, RPQ ZA2415 REFERENCE MANUAL
This manual provides information for customer and IBM personnel concerned with operating, programming and physical planning for the Barcode Reader. Users of this manual should be familiar with the basic principles of the 3270 Information Display System.
Manual, 8 1/2 x 11 inches, 30 pages, 01/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5248

3270 INFORMATION DISPLAY SYSTEM: CUSTOM FEATURE DESCRIPTION FOR RPQ UV001, 2950 MODEL 3 ATTACHED TO 3276 CONTROL UNIT DISPLAY STATION OR 3278 DISPLAY STATION
Describes RPQ UB9001 and its function in attaching IBM 2950 Model 3 optical MWK Reader (OMR) to 3276/3278 Display Stations.
Manual, 8 1/2 x 11 inches, 20 pages, 10/80

GA19-5252

8775 DISPLAY TERMINAL: DATA ENTRY VALIDATION RPQS SU0183 AND SU0184 CUSTOM FEATURE DESCRIPTION
Describes the Data Entry Validation function provided for the 8775 by RPQs SU0183 and SU0184. Introductory is given for use by programmers, planners, and marketing representatives.
The Data Entry validation RPQs allow input data to be validated directly by the terminal, by using the Action Sequence Table display function.
The first section of the publication describes the Action Sequence Table display function, the Action Sequence Table extended field attribute, and the checking and editing action types that are available. The second section gives planning information about the setup of the terminal and the programming support that is required. The third section gives attachment configuration and ordering information.
Manual, 8 1/2 x 11 inches, 26 pages, 12/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

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GA19-5300

3800 PRINTING SUBSYSTEM USER'S GUIDE FOR FORM LENGTH 8 1/2 INCHES RPQ 750279

This publication contains detailed information about the Form Length 8 1/2 Inches RPQ, a special feature available for the IBM 3800 Printing Subsystem. It is intended primarily for current and prospective users of the 3800, particularly those concerned with the operation of the 3800 equipped with the RPQ.

Manual, 8 1/2 x 11 inches, 14 pages, 12/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5320

5922 DOCUMENT READER MODEL S02 SITE PREPARATION GUIDE

This guide is intended for those persons concerned with planning and preparing the user's premises for the IBM 5922 Document Reader Model S02. It provides information that will help the user prepare for the setup of the 5922 when it arrives.

Manual, 8 1/2 x 11 inches, 18 pages, 4/81
//14/5922//

GA21-9078

5486 CARD SORTER OPERATOR'S GUIDE

This manual describes the use of the IBM 5486 Card Sorter. The 96-Column Card, card coding, and card handling and the operation of the sorter are explained. Examples of the various types of sorting are presented. These examples are designed to help you fully understand what to do and how to do it. Therefore, it is not necessary to have previous knowledge of sorting to use this manual. Keys, lights, switches, and special features are discussed in appropriate sections.

Product Manual, 42 pages
//10/5486/

GA21-9221

IBM 3742 DUAL DATA STATION FUNCTION CONTROL FEATURE REFERENCE MANUAL SUPPORTING RPQ 843866

This manual describes the operation and use of the FCF (Function Control Feature) of the IBM Dual Data Station The FCF is made available by RPQ 843866.

This manual is written with the assumption that you can operate the IBM 3742 Dual Data Station and are familiar with the IBM 3742 Dual Data Station Operator's guide, GA21-9136, and the IBM 3742 Dual Data Station Reference Manual, GA21-9184. This manual does not contain any information covered in these publications. You should have an understanding of general programming concepts to make full use of this manual. You should also read the general description of the FCF and its operation with the 3742 programs before going on to the following sections.

Several examples illustrate functions for which the RPQ was intended. There is considerable flexibility in the FCF functions that can be performed. You can also implement functions not addressed in this manual. However, no programming support or assistance is provided beyond that contained in the manual.

Manual, 44 pages
//14/3742/

GA22-6866

SYSTEM/360 COMPONENT DESCRIPTIONS: 2400-SERIES MAGNETIC TAPE UNITS, 2803/2804 TAPE CONTROLS, AND 2816 SWITCHING UNIT MODEL 1

This manual contains a comprehensive presentation of the characteristics, functions, and features of the IBM 2400 Series Magnetic Tape Units, 2803/2804 Tape Controls, and a general description of the IBM 2816 Model 1 Switching Unit. The 2400 series consists of the 2401, 2402, and 2420 Magnetic Tape Units, and 2403, 2404, and 2415 Magnetic Tape Units and Controls.

In most instances, operational descriptions are limited to the channel and command level. Operating functions and procedures common and fundamental to all I/O operations are described in IBM SYSTEM/360 PRINCIPLES OF OPERATION, Order Number GA22-6821.

Subjects covered include magnetic tape unit principles; keys and lights; tape load, unload, and cleaning procedures; status and sense information; magnetic tape handling; tape block and reel organization; and error recovery procedures. Manual, 70 pages
//05/2400,2401,2402,2403,2404,2816,2415,2804,2803/

GA22-7060

3033 PROCESSOR COMPLEX & 3033 MULTIPROCESSOR COMPLEX FUNCTIONAL CHARACTERISTICS

This manual describes the functional characteristics and features of the IBM 3033 Processor Complex, Attached Processor Complex, and Multiprocessor Complex. For management, programming, and operations personnel experienced in System/370 operation, this manual provides a fundamental understanding of the three 3033 complexes.

The reader should have an understanding of data processing systems, including a fundamental knowledge of the IBM System/370 as defined in the IBM System/370 Principles of Operation, GA22-7000.

The manual focuses on the IBM 3033 and 3033-2 Processors (w/ processor storage, functions, and channels) and the IBM 3036 Console.

processor storage, functions, and channels) and the IBM 3036

Console.

features of the IBM 3033 Processor Complex and the IBM 3033 Multiprocessor Complex. For management, programming, and operations personnel experienced in System/370 operation, this manual provides a fundamental understanding of both 3033 complexes.

The reader should have an understanding of data processing systems, including a fundamental knowledge of the IBM System/370 as defined in the IBM System/370 Principles of Operation, GA22-7000.

The manual focuses on the IBM 3033 Processor (with its processing storage, functions, and channels) and the IBM 3036 Console.

Manual, 8 1/2 x 11 inches, 50 pages, 9/79
3033//01//

GA22-7065

3033 PROCESSOR COMPLEX & 3033 MULTIPROCESSOR COMPLEX CONFIGURATOR

The configurator shows the standard and optional features, the processor storage capabilities, and the channels and subchannels available for the IBM 3033 Processor. It shows the standard features available for the IBM 3042 Attached Processor. It also provides representative plan views of the IBM 3033 Processor Complex, Attached Processor Complex and Multi-Processor Complex.

Form, 8 1/2 x 11 inches, 2 pages, 1/79
3033//00//

GA22-7073

3848 CRYPTOGRAPHIC UNIT PRODUCT DESCRIPTION AND OPERATING PROCEDURES

This manual provides executives, system and data security officers with introductory and reference information about the IBM 3848 Cryptographic Unit, which attaches to either System/370 selector or block multiplexer channels.

The content is:

- Chapter 1 - Introduction
- Chapter 2 - Data Security
- Chapter 3 - Operating Procedures
- Chapter 4 - Input/Output Channel commands
- Appendix A - Glossary

Manual, 8 1/2 x 11 inches, 50 pages, 10/79
//08/3848/

GA22-7074

VIRTUAL MACHINE ASSIST & SHADOW-TABLE BYPASS ASSIST

This publication, intended for system programmers, summarizes the assists for Virtual Machine Facility/370 (VM/370) and gives a detailed description of the Virtual-Machine Assist and Shadow-Table Bypass Assist.

Manual, 8 1/2 x 11 inches, 2/80
3031,3032,3138,3148,3195,3115,3033,3155,3165,3145,3135,
3158,3168,3125//01//5749

GA22-7075

3814 SWITCHING MANAGEMENT SYSTEM PRODUCT DESCRIPTION

This manual describes the organizational and functional characteristics of the IBM 3814 Switching Management System. The 3814 is an advanced technology, channel to I/O control unit switch that allows attachment to systems with a wide range of channel and control unit configurations. The 3814 may be used on System/370 Model 135 and up, 3031, 3032, 3033, 4331, and 4341 Processors.

Manual, 8 1/2 x 11 inches, 28 pages, 6/80
//08/3814/

GA22-7078

3814 SWITCHING MANAGEMENT SYSTEM OPERATOR'S GUIDE

This manual describes the functions available to the operator to control the operation of the IBM 3814 Switching Management System.

Manual, 8 1/2 x 11 inches, 120 pages, 4/81
//08/3814/

GA22-7079

SYSTEM/370 ASSISTS FOR MVS

This publication describes 13 instructions used to assist the MVS control program. Twelve of these instructions are provided when the System/370 Extended Facility or the Extended-Control-Program-Support for MVS feature is installed. They include four lock-handling instructions, six trace instructions, and the instructions Fix Page and SVC Assist. The thirteenth instruction, Add FRR, is provided when the 3033 Extension feature is installed, along with modifications to the Fix Page and SVC Assist instructions.

This publication is intended for system programmers and IBM field engineering personnel. The reader should be familiar with the general machine functions of System/370, as described in the IBM System/370 Principles of Operation, GA22-7000, and with the MVS system. The following are considered prerequisite reading: MVS/System Extensions: Debugging Handbook (Volume 2) SD23-0002; OS/VS2 Data Areas, SYB8-0606 (This document is on microfiche); OS/VS2 MVS/System Extensions General Information Manual, GC28-0872; and OS/VS2 System Logic Library, SBOP-8210.

Manual, 8 1/2 x 11 inches, 20 pages, 3/81
3031,3032,3138,3148,3195,3115,3033,3155,3165,3145,3135,
3158,3168,3125,3081//01//5752

GA23

GA24

GA23-0038

MULTIUSE COMMUNICATIONS LOOP PLANNING GUIDE

This manual will serve as a guide to plan loops and to order the associated hardware. The flexibility of loop design is stressed through text and line art.
Manual, 8 1/2 x 11 inches, 70 pages, 6/79
8130,8140/C/15//

//09/3644/

GA23-0046

3274 CONFIGURATION DATA CARD

A history card to record configuration data of the 3274 Control Unit.

Padded card form, U/M 10, 2 sides, 4/81 SLSS - ONSO

GA23-0056

3845/3846 DATA ENCRYPTION DEVICES RPOQ 8K0987 AND 8K0946

This document contains descriptions of RPOQs 8K0987 and 8K0946 which apply to certain models of the IBM 3845 and 3846 Data Encryption Devices. The information is directed at the persons who set up, operate, or perform problem determination on the 3845 and 3846.

Manual, 8 x 10 inches, 12 pages, 05/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA23-0058

3270 INFORMATION DISPLAY SYSTEM LIBRARY USER'S GUIDE

Lists 3270 library publications with abstracts and audience of each publication.

Reference card, 8 1/2 x 11 inches, 2/81
//09/3271,3272,3274,3275,3276,3277,3279/

GA23-0059

3270 DATA STREAM PROGRAMMER'S REFERENCE

This manual introduces and describes all of the functions used in the 3270 data stream such as commands, control characters, orders, attributes, and structured fields. It also describes partitioning, magnetic stripe reader operation, keyboard functions, character sets, and printer operations as they affect the 3270 data stream.

Manual, 8 1/2 x 11 inches, 200 pages, 1/81
//30/3271,3272,3274,3276,3278,3279,3275,3277,8775/

GA23-0060

3270 INFORMATION DISPLAY SYSTEM - 3271 CONTROL UNIT, 3272 CONTROL UNIT, 3275 DISPLAY STATION - DESCRIPTION AND PROGRAMMER'S GUIDE

Provides management, programmers, and system analysts with detailed reference material relating to the 3271 Control Unit, 3272 Control Unit, and 3275 Display Station and their attached units.

Manual, 8 1/2 x 11 inches, 250 pages, 11/80
//09/3271,3272,3275/

GA23-0061

3270 INFORMATION DISPLAY SYSTEM: 3274 CONTROL UNIT DESCRIPTION AND PROGRAMMER'S GUIDE

Provides the people who manage, analyze, and program IBM 3270 Information Display System installations with reference material concerning the 3274 control unit and attached terminals. The 3270 data stream display and printer operations, features and host system communications are covered.

Manual, 8 1/2 x 11 inches, 12/80
//09/3274/

GA24-1499

1219 READER SORTER, 1419 MAGNETIC CHARACTER READER

This publication describes the operating characteristics, controls, indicators, and features of the IBM 1219 Reader Sorter and the IBM 1419 Magnetic Character Reader. Operating theory and procedures are given for off-line operation of both machines and on-line operation of the IBM 1419 within the 1400 series and System/360.

Document handling and data flow are discussed fully, and step-by-step procedures and practical examples are given for each machine. Programming notes and error recovery procedures are also given.
Systems Reference Library Manual, 96 pages
//04/1219,1419/

GA24-3073

1403 PRINTER COMPONENT DESCRIPTION

This reference publication for system planners, programmers, and operators describes the functions and operations of the IBM 1403 Printer. Special features available are described; timing information is presented; and print-quality requirements are set forth. The reader should be familiar, within his field of responsibility, with the system to which this printer is attached. For system and programming information, refer to publications listed in the bibliography for the system.

Manual, 8-1/2 x 11 inches, 56 pages
//03/1403/

GA24-3203

3644 AUTOMATIC DATA UNIT - PROGRAM WORKSHEETS FOR DOS/VS (5747-CJ1) AND OS/VS (5744-CR1)

Program control worksheets for use with 3644 Programming Guide GC24-5178.

Manual, 13 pages, 9/78

GA24-3342

BATCH NUMBERING FEATURE FOR IBM 1241 AND 1419 MAGNETIC INK CHARACTER RECOGNITION READERS

This publication describes the functions and features of the Batch Numbering special feature when used with the IBM 1241 Magnetic Ink Character Recognition Reader and the IBM 1419 Magnetic Character Reader.

The operation of the keys, lights, and switches, as well as the programming information needed to operate the feature, is covered in detail.

Systems Reference Library Manual, 16 pages
//13/1241,1419/

GA24-3653

3644 AUTOMATIC DATA UNIT, COMPONENT DESCRIPTION

The IBM 3644 Automatic Data Unit provides sensor communication and control capability on the IBM 3630 Plant Communication System. The 3644 contains an internal microcontroller that can be programmed to control a variety of user specified accessory cards.

This publication contains information for engineers designing and building the connection from the 3644 to the customer devices, for customer personnel responsible for planning the customer installation, for personnel who install the 3644 and maintain the sensor cards, and customer management, programming, and operating personnel.

Manual, 106 pages, 6/78
//09/3644/

GA24-3669

4341 PROCESSOR OPERATOR'S GUIDE

This manual contains both reference and instructional information necessary to operate either the model group 1 or model group 2 processors. It contains information regarding startup, control, monitoring and problem response.

This book is intended primarily for the system operator.
Manual, 8 1/2 x 11 inches, 120 pages, 4/81
4341//01//

GA24-3671

4341 PROCESSOR CHANNEL CHARACTERISTICS

This manual describes how to check the effects of imposing loads on the channels of the IBM 4341 Processor. It is intended primarily for physical planning engineers and system analysts who are concerned that a proposed configuration of input/output devices will operate satisfactorily on the 4341 Processor.

The manual contains a description of the channels, channel data rates and possible effects of imposing heavy I/O loads on the channels. Procedures are given for checking data overrun, program overrun, and channel utilization. Also included are recommended channel programming conventions.

Manual, 8 1/2 x 11 inches, 68 pages, 9/79
4341//01//

GA24-3682

3644 AUTOMATIC DATA UNIT, OPERATING GUIDE

This publication contains descriptive, operating, problem determination, and setup information for the IBM 3644 Automatic Data Unit used on the IBM 3630 Plant Communication System.

The IBM 3644 Automatic Data Unit enables the user to attach a wide variety of devices and production equipment to the IBM 3630 Plant Communication System.

This information is useful to customer and service personnel responsible for developing applications and the resulting operating procedures, problem determination, and setup of the IBM 3644.

Manual, 56 pages, 6/78
//09/3644/

GA24-3715

1287/1288 OPTICAL CHARACTER READER VIDEO IMAGE DIGITIZING RPO COMPONENT DESCRIPTION AND OPERATING PROCEDURES

Describes the programming aspects and operation of the Video Image Digitizing RPO for the 1287 and 1288 optical readers. The user is expected to be familiar with the IBM System 360 and 370 Component Description and Operating Procedures: IBM 1287 Optical Reader component Description and Operating Procedures, GA21-9064 or the IBM 1288 Optical Reader Model 1 Component Description and Operating Procedures, GA21-9081 depending on which device the RPO is installed.

Manual, 8 1/2 x 11 inches, 24 pages, 9/79
//14/1287,1288/

GA24-3733

3262 PRINTER MODELS 1 AND 11 COMPONENT DESCRIPTION

This manual provides reference information about the 3262 Printer Models 1 and 11 for supervisory personnel, system analysts, and application programmers who are using the 3262 as an output printer for their IBM 4331 Processor.

The manual describes the general functions of the printer, printing method, speed (throughput) calculations, attachment to the 4331 Processor, programming information, printer components, and printer controls.

This is a major revision of and obsoletes GA24-3733-1 dated April 1980. The "Programming Information" section has

GA24

GA27

been completely revised, the "Audible Alarm" feature has been added, and various other changes have been incorporated.

Manual, 8 1/2 x 11 inches, 55 pages, 4/81
4331/03/3262/

GA24-3734

3262 PRINTER MODELS 1, 2, 3, 11, 12 AND 13
SITE PLANNING AND PREPARATION GUIDE

This is a guide for customer personnel to plan and prepare for the physical installation and setup of an IBM 3262 Printer Models 1, and 11 used with the IBM 4331 Processor, and the Models 2 and 12 used with the IBM 8100 Information System. These 3262 Printers are customer-setup machines.

Associated manuals are Installation and Assembly of Coaxial Cable and Accessories for Attachment to IBM Products, GA24-2805, and IBM Multiuse Communications Loop Planning Guide, GA23-0038.

Insert, 1 page, 7/80

3031,3032,3138,3148,2030,2040,2044,2050,2065,2067,2075,2091,2025,2085,3195,3115,5410,5415,5412,5404,3033,5406,3155,3165,3145,3135,2022,3158,3168,3125,5408,8130,8140,4331,4341,3081//15/3262/

GA24-3735

3262 PRINTER MODELS 1 AND 11 OPERATOR'S GUIDE

This manual describes to the operator of the IBM 3262 Printer Models 1 and 11 the printer's operating features, the control panel, how to set up and run the print job, simple maintenance procedures, and recovery from error conditions.

Manual, 8 1/2 x 11 inches, 40 pages, 6/80
4331/03/3262/

GA24-3741

3262 PRINTER MODELS 3 AND 13 COMPONENT DESCRIPTION

This manual provides reference information about the 3262 Printer Models 3 and 13 used with the 3270 Information Display system. The document is to be used by supervisory personnel, system analysts and application programmers.

The manual describes the general functions of the printer as well as the major components, printing method and speed (throughput) and the printer attachment to the 3274 and 3276 controllers. The reader should be familiar with the IBM 3270 Information Display System.

Manual, 8 1/2 x 11 inches, 45 pages, 10/79

3031,3032,3138,3148,2030,2040,2044,2050,2065,2067,2075,2091,2025,2085,3195,3115,5410,5415,5412,5404,3033,5406,3155,3165,3145,3135,2022,3158,3168,3125,5408,8130,8140,4331,4341//03/3262/

GA24-3750

OPERATOR INSTRUCTIONS AND STATUS CODES 3262 PRINTER MODELS 1 AND 11

These cards, for installation in the 3262 Printer Models 1 and 11, contain brief descriptions for loading paper, replacing print ribbon, etc. Status code listings and actions to be followed for each code are also listed. When the 3262 Printer stops, the status code defines whether the problem is the printer or the 4331 system onto which the printer is attached.

Such as loading paper, replacing print ribbon, and error recovery. Status codes and actions to be followed are also listed. When the 3262 printer stops the status code defines whether the problem is the printer or the 4331 System to which the 3262 is attached.

85 x 128 mm plus tabs 4 @ 16 mm, 2 @ 32 mm, 20 cards, 8/80
(2 @ 32 mm), 8/80

GA24-3763

4341 PROCESSOR MODEL GROUP 2 FUNCTIONAL CHARACTERISTICS AND PROCESSOR COMPLEX CONFIGURATOR

This manual contains reference information about the 4341 Model Group 2 features, I/O characteristics, machine instruction timings, and the operation of integrated I/O devices. This document is intended for use by system analysts and programmers.

Manual, 8 1/2 x 11 inches, 56 pages, 9/80
4341//01//

GA24-3780

4341 PROCESSOR MODEL GROUP 2 CHANNEL CHARACTERISTICS

This manual describes the effects of loads imposed on the 4341 Model Group 2 channels. It presents general 4341 channel organization and implementation, a description of the subchannels and unit control words. It also contains a procedure for channel interference determination, byte and block channel loading calculations, and device evaluation tables.

This book is intended for programmers and systems analysts who wish to verify that a proposed configuration of input/output (I/O) devices can work satisfactorily with the 4341 Processor Model Group 2.

Manual, 8 1/2 x 11 inches, 72 pages, 1/81
4341//01//

GA26-1664

3380 DISK STORAGE DESCRIPTION AND USER'S GUIDE

This manual describes the characteristics of the 3380 disk storage and gives conversion information. It includes the information needed for assigning addresses and for calculating the use of space. Also, it includes guidelines on how to use this particular storage system, including the supporting programs.

Publication of this document obsoletes and replaces GA26-1662, which was an introductory level manual.

Manual, 8 1/2 x 11 inches, 70 pages, 12/80

//07/3380/

GA26-1665

DISK STORAGE TECHNOLOGY

This booklet provides an overview of several technology challenges and innovations that were met and solved in the development of the IBM 3370 Direct Access Storage, the 62PC Direct Access Storage, and the IBM 3880 Storage Control.

The subjects of this booklet are each components of sophisticated disk storage subsystems which use advanced technologies developed and refined over a period of 25 years.

While the articles are authored by only a few engineers, hundreds of skilled professionals contributed to these technologies and products. The advances discussed represent the balanced use of IBM's research, development, manufacturing, and product assurance personnel at the San Jose site and supported by various other IBM groups at other locations.

Manual, 8 1/2 x 11 inches, 102 pages, 2/80

GA26-1666

INTRODUCTION TO IBM 3375 DIRECT ACCESS STORAGE

Describes physical and data format characteristics of IBM 3375 Direct Access Storage. Contains information about the recording medium, operator controls and indicators, count-key-data format, and command set. Highlights the efficiency and economy of the 3375 storage.

Brochure, 8 1/2 x 11 inches, 14 pages, 6/80

//07/3375/

GA26-5756

IBM DISK PACK AND CARTRIDGE HANDLING PROCEDURES

This manual is a guide for handling IBM Disk Packs and cartridges. Included are procedures for shipping and receiving, installation and removal, labeling of disks and cartridges and general operating procedures.

The information contained in this manual applies to IBM 1316, 2316, and 3336 Disk Packs, and 2315 Disk cartridges.

Manual, 16 pages

//07/2316,1316,2315,3336/

GA26-5893

IBM 2560 MULTI-FUNCTION CARD MACHINE: COMPONENT DESCRIPTION AND OPERATING PROCEDURES

This publication describes the operating principles and features of the IBM 2560 Multi-Function Card Machine (MFCM). Descriptions of the programmed operations, indicators, and operator's console are included. Since this device is natively attached, you should have a thorough understanding of the using system before using this manual. The book is intended for system engineers, programmers, and operators.

The 2560 is compared with conventional card equipment in file-updating operations. In addition to descriptions and flowcharts of these operations, tables are provided for a ready comparison of the operational steps, card volumes, and running times of the two systems.

Restart procedures for a particular type of program (RPG, IOCS, etc.) are covered in the operating procedures manual associated with the particular program and using system.

Manual

2020, 2025, 3115, 5415, 3125//02/2560/

GA27-2739

AN INTRODUCTION TO THE IBM 3270 INFORMATION DISPLAY SYSTEM

Overview of 3270 hardware units and capabilities. Lists programming support and suggests some typical applications for customer executives, DP management, system analysts, programmers, IBM marketing representatives and systems engineers.

Manual, 8 1/2 x 11 inches, 64 pages, 1/81

//09/3277,3271,3272,3274,3278,3276,3275,3279,3262,3284,3286,3287,3288,3289/

GA27-2871

3270 INFORMATION DISPLAY SYSTEM, PROBLEM DETERMINATION, 3274 CONTROL UNITS

Contains information intended to assist customer personnel who are responsible for coordinating problem determination activities on those IBM 3270 Information Display Systems which include an IBM 3274 Control Unit.

This information is not intended to replace the problem determination guides supplied with each unit of the 3270 system, but is intended to supplement them and to coordinate their use.

Information concerning the IBM 3276 Control Unit Station is contained in GA18-2042.

Manual, 8 1/2 x 11 inches, 42 pages, 6/78

//09/3274/

GA27

GA27

GA27-3043

IBM 3735 PROGRAMMABLE BUFFERED TERMINAL CONCEPT AND APPLICATION

The purpose of this manual is two-fold: first, it introduces the IBM 3735 Programmable Buffered Terminal; and, second it provides planning information for those who may be involved in installing a 3735. Because of this dual purpose, not all sections of the manual may be of interest to each reader. Those interested in an overview and in the highlights of the 3735 will find the Introduction of most value; those who need more detailed information on the terminal's operation and functional capabilities will find the sections on Operating Characteristics and Implementation Considerations of most interest; systems and application programmers will find information on Programming Considerations for the 3735 in Appendix B.

Generally, the prerequisites for this manual are an understanding of the concept and application of the IBM System/360 and the IBM System/370 in a teleprocessing environment. The section on Programming Considerations requires more extensive knowledge of the applicable operating system (OS or DOS).

Although not intended as a terminal operator's guide or as a programmer's guide, the manual presents general information concerning these subjects.

System Reference Library, 50 pages
3031, 3032, 3138, 3148, 2030, 2040, 2044, 2050, 2065, 2067, 2075, 2091, 2025, 2085, 3195, 3115, 3033, 3155, 3165, 3145, 3135, 2022, 3158, 3168, 3125, 4331, 4341 //09/3735/

GA27-3058

3872 MODEM USER'S GUIDE

The IBM 3872 Modem can transfer data at rates of 2400 or 1200 bits per second. It operates on dedicated (leased or privately owned), voice-grade communications facilities. In the USA and Canada, the 3872 also operates on the public switched network.

In this publication, the 3872 is described as an item of equipment in the medium-speed modem field. The manual is in four main parts: Part 1 describes (in general terms) the IBM 3872 Modem, planning considerations, and equipment and facility considerations; Part 2 presents 3872 operating procedures and offline problem determination procedures; Part 3 describes (in detail) the IBM 3872 Modem: interface specifications, installation specifications, channel specifications, and special features. Considerations in using the 3872 in World Trade countries are included in appropriate places in the manual and are summarized in Part 4, which also contains the glossary.

This publication is intended for system planners, systems engineers, installation planners, operators, and supervisory personnel. A knowledge of teleprocessing systems is a prerequisite for Part 3 only. Operator information (Part 3) is separated from general and specific descriptive information, for easier accessibility.
System Library User's Guide, 70 pages
//09/3872/

GA27-3062

3872 MODEM PROBLEM DETERMINATION CARD

This foldout card document normally accompanies a 3872 Modem to help the customer determine who to call when a communications channel using the 3872 becomes troublesome.
8-1/2 x 11 inches, 8 cards
//09/3872/

GA27-3063

COMPONENT INFORMATION FOR THE IBM 3780 DATA COMMUNICATION TERMINAL

This manual introduces the IBM 3780 Communication Terminal, designed to transmit and receive data accurately, quickly, and economically in a teleprocessing environment. The terminal's applications, capabilities, and design highlights are discussed, as well as use of the binary synchronous communication, a description of the associated data-link control characters, code structures, and timeouts. The manual also discusses communication facilities, IBM modems, and special features available for this teleprocessing terminal.

In-depth information for those who implement customer applications is also included. Readers concerned with the 3780's capabilities and design highlights will find the Introduction, Card Reader, and Printer sections useful, while those needing more detailed information on the terminal's operation and its binary synchronous method of communication should read the Operating Characteristics and Programming Considerations sections.

Prerequisites for this manual include an understanding of the IBM System/360 and the IBM System/370 in a teleprocessing environment, together with knowledge of the binary synchronous method of data-link control as outlined in the IBM Systems Reference Library publication, General Information, Binary Synchronous Communications, GA27-3004.
Manual, 70 pages
//09/3780,3781/

GA27-3087

GUIDE TO USING THE 3705 CONTROL PANEL (CURRENT RELEASE)

This publication is a 3705 control panel guide for the systems programmer, the systems engineer, the customer engineer, and the programming service representative with a knowledge of the internal operation of the 3705 and a need to use the control panel for normal operation, testing, or diagnostics. It primarily describes the functions and uses

of the 3705 control panel.
Manual, 76 pages
//09/3705/

GA27-3092

3705 OPERATOR REFERENCE SUMMARY

This reference card accompanies the Guide to Using the IBM 3705 Control Panel (or may be ordered separately) and provides the operator with an easy reference for basic 3705 operating procedures.

It lists the procedures to be followed in preparing the 3705 for operation (up to IPL) and the basic error recovery procedures.
Reference Summary, 6 panels
//09/3705/

GA27-3130

3777 MODEL 2 COMMUNICATION TERMINAL REFERENCE SUMMARY

This Reference summary contains information that is already included in the IBM 3777 Model 2 Operator's Guide, GA27-3129, and provides a quick reference to information needed for routine operation of the 3777 Model 2. Use the Operator's Guide if you need more detailed information about terminal operation than is included in this summary.
Reference Summary, 8 1/2 x 3 3/4 inches, 8 pgs, 8/77
//09/3777/

GA27-3136

IBM SYSTEMS NETWORK ARCHITECTURE REFERENCE SUMMARY

This handbook contains summary information about the structure of SNA and SDLC, but mainly contains format and profile descriptions, and sense codes. All of the currently used field formatted RUs are included, as well as all of the currently used sense codes. The information contained in this handbook is intended to supplement the information contained in various manuals on specific IBM SNA products.

Handbook, 3 5/8 x 8 1/2 inches, Saddle Stitch, 36 pgs, 3/77
3031, 3032, 3138, 3148, 3195, 3115, 3033, 3155, 3165, 3145, 3135, 3158, 3168, 3125, 8130, 8140, 4331, 4341, 3081/C/09//

GA27-3145

COMPONENT DESCRIPTION FOR THE IBM 3776 AND 3777 COMMUNICATION TERMINALS

This publication presents introductory and reference information about the 3776 and 3777 terminals used in the following applications: 1) medium and high speed remote job entry terminals (BSC or SNA single logical unit), 2) high speed BSC MULTI-LEAVING workstation, and 3) medium and high speed SNA multiple logical-unit workstations. It describes the capabilities and functions of these terminals for those concerned with planning for a data communication network or for integrating the terminals into an existing network. It is also a reference source for system and application programmers, and for personnel planning job setups for the 3776 and 3777 terminals. Application personnel planning job setups will also require a copy of the appropriate Operating Procedures Guide or Operator's Guide.

It is assumed that the reader of this manual understands the concept and application of the IBM System/370 in a data communication environment, and is familiar with data link control procedures - Synchronous Data Link Control (SDLC) or Binary Synchronous Communications, whichever is used.
Manual, 8 1/2 x 11 inches, 336 pages, 3/78
//09/3776,3777/

GA27-3149

3842 LOOP CONTROL UNIT OPERATOR'S GUIDE

This manual tells how to operate the IBM 3842 Iocp Control Unit. Included in this manual are directions for normal operation as well as procedures to help determine if the 3842 is working correctly.

The information in this manual is intended primarily for the 3842 operator. However, it is also intended for use by persons who will write user operating procedures and train operator personnel, and by IBM Customer Engineers.
Manual, 8 1/2 x 11 inches, 52 pages, 10/77
//09/3842/

GA27-3153

3287 PRINTER COMPONENT DESCRIPTION

This manual describes the IBM 3287 Printer Models 1 and 2. It gives information for customer executives, system analysts, and system engineers who are aware of the intended use of the printer.

Included in this manual are descriptions of the printer's applications, operating characteristics, features, and international considerations.
Manual, 8 1/2 x 11 inches, 60 pages, 1/78
//03/3287/

GA27-3185

DATA COMMUNICATION DEVICE SUMMARY

This manual describes data communication devices and systems that can operate remotely via communication lines as part of System/370.

Manual, 8 1/2 x 11 inches, 54 pages
3031, 3032, 3138, 3148, 3195, 3115, 3033, 3155, 3165, 3145, 3135, 3158, 3168, 3125 //09//

GA27

GA32

GA27-3200

3863, 3864, AND 3865 MODEMS INTRODUCTION AND SITE PREPARATION GUIDE

This manual describes briefly the IBM 3863, 3864, and 3865 Modems and their roles in data communication networks. Also described, in general terms, are options, features, interfaces, and problem determination procedures. Site preparation requirements for the modems are described in detail.

This manual is intended for managers and planners who are knowledgeable in data communication networks and who are considering installing a data communication network using the IBM 3863, 3864, and/or 3865 Modems. The site preparation information in this manual is also useful to the modem user's contractors or other personnel who, before the arrival of the modems, prepare the user's site for setup of the modems.

Manual, 8 1/2 x 11 inches, 72 pages, 5/79
//15/3863,3864,3865/

GA27-3216

3863 MODEM MODELS 1 AND 2, 3864 MODEM MODELS 1 AND 2 SETUP INSTRUCTIONS AND USER'S GUIDE

This manual provides users with the information needed to set up, operate, and test the IBM 3863 and 3864 Modems.

The document contains modem descriptions, customer setup instructions, modem-to-system integration instructions, operator panel descriptions, operating procedures, problem determination procedures, relocation and reconfiguration recommendations, and brief description of available modem functions for program-controlled testing.

This publication is written for user, or operators, who have some basic knowledge of telecommunications.

Manual, 8 1/2 x 11 inches, 98 pages, 03/80
//09/3863,3864/

GA27-3218

3865 MODEM MODELS 1 AND 2 SETUP INSTRUCTIONS AND USER'S GUIDE

This manual provides users with the information needed to set up, operate, and test the IBM 3865 Modem.

The manual contains modem descriptions, customer setup instructions, modem-to-system integration instructions, operator panel descriptions, operating procedures, problem determination procedures, relocation and reconfiguration recommendations, and a brief description of available modem functions for program-controlled testing.

This publication is written for users, or operators, who have some basic knowledge of telecommunications.

Manual, 8 1/2 x 11 inches, 70 pages, 06/80
//09/3865/

GA27-3229

3287 PRINTER MODELS 1C & 2C COMPONENT DESCRIPTION

This manual provides information for executives, systems analysts and systems engineers who have a knowledge of color applications for the IBM 3270 Information Display System.

This manual describes the subject printer and its ability to print in four different colors. It also describes the Programmed Symbols feature that enables the user to define unique symbols, special characters and shapes that combine to print a graphic representation.

Manual, 8 1/2 x 11 inches, 86 pages, 12/79
//03/3287/

GA27-3230

3287 PRINTER MODELS 1C & 2C OPERATOR'S GUIDE

The subject manual instructs the operator how to use the 3287 color printer.

Manual, 8 1/2 x 11 inches, 80 pages, 4/80
//03/3287/

GA27-3231

3287 PRINTER MODELS 1C & 2C PROBLEM DETERMINATION GUIDE

The procedures in this manual are designed to help a 3287 operator identify and correct minor failures that might otherwise require assistance from a 3287 service representative.

Subjects in this publication include recognizing errors, responding to status indicators, restarting a job after an error, and requesting maintenance.

Manual, 8 1/2 x 11 inches, 30 pages, 3/80
//03/3287/

GA27-3237

3287 MODELS 1 & 2 OPERATOR'S GUIDE DOCUMENT INSERTION DEVICE (RPQ MK6104)

This manual describes the Rear Document Insertion Device, a special RPQ feature specifically designed for the 3287 Printer Models 1 and 2. It gives detailed information for customer executives, programming personnel, and operators who are aware of the intended uses of the 3287.

Because the information in this manual supplements the information contained in existing 3287 publications, it is essential that the reader be familiar with the concepts presented in the following prerequisite publications:

3287 Printer Models 1 & 2 Component Descriptions, GA27-3153
3287 Printer Models 1 & 2 Operator's Guide, GA27-3150
3287 Printer Models 1 & 2 Problem Determination Guide
3287 Printer Models 1 & 2 Setup Instructions

(RPQ MK6104), GA27-3244

Forms Design Reference Guide for Printers, GA24-3488 Manual, 8 1/2 x 11 inches, 36 pages, 4/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA27-3260

3867 LINK DIAGNOSTIC UNIT SETUP INSTRUCTIONS AND USER'S GUIDE

This manual provides users with the information needed to setup, operate, and test the IBM 3867 Link Diagnostic Unit.

The document contains 3867 descriptions, customer setup instructions, 3867-to-system integration instructions, operator panel descriptions, relocation and reconfiguration recommendations, methods for obtaining service, and a brief description of available 3867 functions for program-controlled link testing.

This publication is written for users, or operators, who have some knowledge of telecommunications.

Manual, 8 1/2 x 11 inches, 52 pages, 3/81
//09/3867/

GA27-3261

3867 LINK DIAGNOSTIC UNIT: SITE PREPARATION GUIDE

This manual provides managers and planners with the information needed to plan and prepare their site for the installation of the 3867.

The document contains specific details concerning the 3867's physical characteristics, power requirements, and telecommunication facilities. Responsibilities of the customer, the IBM marketing representative, and the IBM customer engineer are listed. Modem and DTE interface requirements for operation with the 3867 are also provided.

A knowledge of data communication networks is necessary to obtain the maximum understanding of the subjects covered.

Manual, 8 1/2 x 11 inches, 32 pages, 12/80
//15/3867/

GA27-3304

INTRODUCTION TO THE 3705-80 COMMUNICATION CONTROLLER

The IBM 3705-80 is a programmed transmission control unit designed to assume many data processing control functions formerly assigned to an access method. The controller is intended for data processing installations with limited communications requirements that intend to enter a systems network architecture (SNA) environment. The 3705-80 is controlled by programs that reside in the controller.

This publication contains introductory information on the 3705-80 control programs and hardware components. Any user or potential user of the 3705-80, including management, programmers, operators, and maintenance personnel, should be familiar with the contents of this manual. The only prerequisite for this manual is an understanding of basic telecommunication concepts.

Manual, 8 1/2 x 11 inches, 99 pages, 3/81
//09/3705/

GA27-3309

3777 MODEL 4 COMMUNICATION TERMINAL OPERATOR'S GUIDE

This manual is designed specifically for personnel writing detailed operator procedures for remote job entry (RJE) applications that use the IBM 3777 Model 4 Communication Terminals, and for operators of the terminals. Included are operating procedures, error recovery and problem identification procedures, and operational comparisons.

Manual, 8 1/2 x 11 inches, 380 pages, 3/81
//09/3777/

GA27-3324

3287 PRINTER PINFEED PLATEN (RPQ GI2220) OPERATOR'S GUIDE

This publication tells the customer how to install and remove the Pinfeed Platen and how to load forms when the Pinfeed Platen is installed.

The customer will also need one of the following operator's guides: 3287 Printer Models 1 and 2 Operator's Guide, GA27-3150 and 3287 Printer Models 11 and 12 Operator's Guide, GA27-3189.

Manual, 8 1/2 x 11 inches, 24 pages, 3/81
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA32-0006

TAPE REQUIREMENTS FOR IBM ONE-HALF INCH TAPE UNITS AT: 556, 800, 1600 and 6250 BPI

This manual provides the specifications and requirements for magnetic tape to be used on IBM Tape Drives. The specifications are presented in two parts: General information and Tape Properties Essential for IBM Tape Drive Use. The latter section covers minimum properties required for tape use on all IBM Tape Drives.

Manual, 11 pages
3031, 3032, 3138, 3148, 2030, 2040, 2044, 2050, 2065, 2067, 2075, 2091, 2025, 2085, 3195, 3115, 3033, 3155, 3165, 3145, 3135, 2022, 3158, 3168, 3125, 8130, 8140, 4331, 4341, 3081//05/2401, 2402, 2403, 2404, 2415, 2420, 3410, 3411, 3420, 8809/

GA32-0040

8809 MAGNETIC TAPE UNIT INSTALLATION MANUAL - PHYSICAL PLANNING

This manual is provided for IBM personnel and customers who will assist in planning the installation of 8809 Magnetic Tape Units, attached to either an IBM 4331 Processor or an IBM 8100 Information System. The manual contains a plan view of 8809 installation, a table listing 8809

GA32

GA33

specifications, and cable order information.
Manual, 8 1/2 x 11 inches
//15/8809/

Manual, 8 1/2 x 11 inches, 156 pages, 10/80
4331//09//

GA33-1532

4331 PROCESSOR MODEL GROUP 1 CHANNEL LOAD SUMMARY WORKSHEET
This form is provided for use when calculating the channel load on the IBM 4331 Processor Model Group 1.
Use of this form is explained in detail in the IBM 4331 Processor Channel Characteristics, form GA33-1527.
Form, 11 x 16 1/2 inches, U/M 50, 9/80
4331//01//

GA33-3016

3740 DATA ENTRY SYSTEM SPECIAL SELF-CHECK NUMBER DEVICE CUSTOM UNIT DESCRIPTION
This publication describes the Self-Check Number Device Special Arithmetic feature which is available on the IBM 3741 Data Station, Models 1 and 2, and the IBM 3742 Dual Data Station. The feature implements many special algorithms by utilizing the modulus 11 program field definition characters.

For U.S. and Canada: RPOs WE0408 (3742) and Z07465 (3741)

For other countries: X10260 (3741/3742)
Systems Library manual, 28 pages
//14/3741,3742/

GA33-1534

4331 PROCESSOR MULTIUSE COMMUNICATIONS LOOP FUNCTIONAL CHARACTERISTICS
This manual describes the IBM Multiuse Communications Loop attached to the IBM 4331 Processor by means of the integrated loop adapter.

The manual has been prepared for two audiences. The first audience consists of those people responsible for coordinating the communications and loop operations of their enterprise. For this audience, the manual describes what communications and loop features are available, and what can be done with these features. It must be noted that capacities given in this manual are hardware capacities. Operating system and application requirements must be considered in determining the extent to which the hardware capacities can be utilized.

The second audience consists of people who want to know functional details that will assist them in understanding the communications and loop features. Hardware-oriented users may want to know about the command sequences which the programs use to direct the hardware; and programming oriented users may want to know how the hardware responds to these commands.

Manual, 8 1/2 x 11 inches, 88 pages, 9/80
4331//09//

GA33-3040

AN INTRODUCTION TO THE IBM 8775 DISPLAY TERMINAL
This reference manual provides an introduction to the IBM 8775 Display Terminal for customer executives, organization and methods managers, administrative services managers, data processing managers and planners, and IBM marketing representatives.
Manual, 8 1/2 x 11 inches, 62 pages, 11/80
//09/8775/

GA33-3044

8775 DISPLAY TERMINAL COMPONENT DESCRIPTION
This publication describes the 8775 from the point of view of a host programmer, and is not intended to provide operating instructions for the terminal operator. The manual provides sufficient information for an 8775 to be used in a System Network Architecture (SNA) environment, and for application programs to be written using the IBM 8100 Information System.
Manual, 8 1/2 x 11 inches, 304 pages, 12/80
//09/8775/

GA33-1535

4331 PROCESSOR MODEL GROUP 2 CHANNEL CHARACTERISTIC
This manual describes how the effects of imposing loads on the channels of the IBM 4331 Processor Model Group 2 can be checked. The book is intended for physical planning engineers and systems analysts who wish to check that a proposed configuration of input/output (I/O) devices will work satisfactorily with the IBM 4331 Processor Model Group 2.
Manual, 8 1/2 x 11 inches, 178 pages, 10/80
4331//01//

GA33-3045

8775 DISPLAY TERMINAL: TERMINAL USER'S GUIDE
Describes all the features and functions of the IBM 8775 Display Terminal. The guide, intended to be used for reference by users of the 8775, includes (1) descriptions of keyboard keys, (2) explanations of indicators and messages displayed, (3) instructions for checking or changing options selected at 8775 setup, and (4) procedures for determining the cause of problems and the appropriate remedial actions to be taken.
Manual, 8 1/2 x 11 inches, 138 pages, 10/80
//09/8775/

GA33-1536

4331 PROCESSOR DISPLAY PRINTER ADAPTER COMPONENT DESCRIPTION
This publication provides management, programmers, and system analysts with detailed reference material relating to the IBM 3270 devices attached to the 4331 Processor. It includes the IBM 3278 Display Station, Model 2 and the IBM 3287 Printer, Models 1 and 2.
Manual, 8 1/2 x 11 inches, 82 pages, 6/79
4331//01//

GA33-3051

3279 COLOR DISPLAY STATION PROBLEM DETERMINATION GUIDE
This guide provides reference information and problem determination procedures for operators using a 3279 Color Display Station.
Manual, 10 x 1 3/4 inches, 92 pages, 2/81
//09/3279/

GA33-1538

4331 PROCESSOR MULTI USE COMMUNICATIONS LOOP OPERATING PROCEDURE
This manual is intended for use by system engineers, programmers, 4331 system operators, and terminal operators. It provides the information required to control the loop adapter.
This version of the manual reflects the following two attachable units only: IBM 3287 Printer and IBM 8775 Keyboard display.
Additional attachable units will be covered in subsequent Technical Newsletters or revisions.
Manual, 8 1/2 x 11 inches, 72 pages, 10/80
4331//09//

GA33-3055

3250 GRAPHICS DISPLAY SYSTEM CUSTOM FEATURE DESCRIPTION
RPO SU0090, SU0091, 7J0005, AND 7J0014.
This publication describes the data communications facility provided for the IBM 3250 Graphics Display System by the RPOs shown in the title. Information contained herein supplements the information in related publications for the 3250 Graphics Display System.
Manual, 8 1/2 x 11 inches, 14 pages, 9/79
//14/3250,3258/

GA33-1539

4331 PROCESSOR DASD ADAPTER FOR: 3370 DIRECT ACCESS STORAGE REFERENCE MANUAL
This publication describes the functions of the IBM 3370 Direct Access Storage when attached to the IBM 4332 Processor. It is for readers who already have a knowledge of direct access storage devices and require reference material on 4331 installations. The publication describes the channel commands, unit and channel status, and sense bytes which apply when the 3370 is under control of the DASD adapter.
Manual, 8 1/2 x 11 inches, 62 pages, 12/80
4331//07/3370/

GA33-3056

3270 INFORMATION DISPLAY SYSTEM, COLOR & PROGRAMMED SYMBOLS
IBM 3270 Information Display System: Color and Programmed Symbols. This publication provides customer executives, installation managers and planners, application programmers, and IBM Marketing representatives with:
• Introductory information describing the use of color to communicate with the user of a display station.
• The concepts of Programmed Symbols whereby graphic symbols and special characters may be created by the application programmer and used as an extension to the base character set.
• The use of Programmed Symbols to display and print graphic information such as pie charts, and histograms.
• Details of the IBM 3279 Color Display Station and the IBM 3287 Printer Models 1C and 2C.
Hardware and planning information is included in this publication, but installation planners should refer to IBM 3270 Information Display System Installation Manual - Physical Planning, GA27-2888, for the latest available information on all devices included in the 3270 Information Display System.
Manual, 8 1/2 x 11 inches, 88 pages, 9/79
//09/3279/

GA33-1540

4331 PROCESSOR LOOP ADAPTER PROBLEM DETERMINATION GUIDE
This manual is intended for use by IBM 4331 system operators and terminal operators. It describes the procedures the operator should use if an error occurs in the loop adapter feature or any of the attached loops. These procedures are designed to help the operator to identify and eliminate the problem and possibly to avoid the need to call for assistance.

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- GA33-3057
3270 INFORMATION DISPLAY SYSTEM 3279 COLOR DISPLAY STATION OPERATORS GUIDE
 This publication contains operating instructions and procedures for the IBM 3279 Color Display Station as a unit of the IBM 3270 Information Display System.
 Manual, 8 1/2 x 11 inches, 138 pages, 12/79
 //09/3279/
- GA33-3067
3279 COLOR DISPLAY STATION KEYBOARD REPLACEMENT INSTRUCTIONS
 Step by step instructions that the user requires when replacing the keyboard on a 3279 Color Display Station.
 Manual, 8 1/2 x 11 inches, 4 pages, 12/80
 //09/3279/
- GA33-3071
3270 INFORMATION DISPLAY SYSTEM 7436 PRINTER MODEL 1 OPERATORS GUIDE
 Provides instructions for the day-to-day operation and care of the IBM 7436 Printer. The publication is intended primarily for personnel who prepare the printer for use and those who tend its operation.
 Manual, 8 1/2 x 11 inches, 76 pages, 10/80
 //03/7436/
- GA33-3072
7436 PRINTER MODEL COMPONENT DESCRIPTION
 This manual describes the IBM 7436 Printer Model 1. It gives information for customer executives, application programmers, system analysts, and system engineers who are aware of the intended uses of the printer.
 Manual, 8 1/2 x 11 inches, 44 pages, 8/80
 //03/7436/
- GA33-3073
7436 PRINTER MODEL 1 PROBLEM DETERMINATION GUIDE
 This Guide has been designed to help the operator determine the type of problem and how to correct it, when the 7436 Printer Model 1 is not operating properly.
 It is designed to save time by printing out possible causes for trouble that can easily and quickly be corrected by the operator.
 Manual, 8 1/2 x 11 inches, 36 pages, 9/80
 //03/7436/
- GA33-3074
7436 PRINTER MODEL 1 SITE PLANNING, PHYSICAL PLANNING, AND CONFIGURATOR GUIDE
 This manual contains information to guide customers in planning the site for the setup and physical installation of the IBM 7436 Printer Model 1. It also contains configuration information.
 Manual, 8 1/2 x 11 inches, 30 pages, 9/80
 //7436/
- GA33-3079
3279 COLOR DISPLAY STATION MODEL 3A AND 3B VIDEO OUTPUT RPQ 7J0039 CUSTOM FEATURE DESCRIPTION
 Describes the additional output capability provided on Models 3A and 3B of the IBM 3279 Color Display Station by RPQ 7J0039. This RPQ provides a four-wire video output on the 3279 color display station, (Models 3A and 3B only).
 Manual, 8 1/2 x 11 inches, 22 pages, 4/81
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA33-3085
3250 GRAPHICS DISPLAY SYSTEM: CONTINUOUS REFRESH RPQS 7J0024 AND 7J0025 CUSTOM FEATURE USER'S GUIDE
 Describes the functional enhancements provided on an IBM 3250 Graphics Display System by the Continuous Refresh custom feature (RPQ 7J0024 or 7J0025).
 The purpose of this publication is to enable an application programmer to make use of the enhancements contained in this custom feature.
 Manual, 8 1/2 x 11 inches, 42 pages, 11/80
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA33-3086
3250 GRAPHICS DISPLAY SYSTEM: CUSTOM FEATURE SUMMARY
 This publication summarizes the custom features available as Requests for Price Quotation (RPQ) on the IBM 3250 Graphics Display System.
 Manual, 8 1/2 x 11 inches, 28 pages, 1/81
 //14/3250,3258/
- GA33-3093
8775 DISPLAY TERMINAL PRINTER ATTACHMENT RPQS 7J0044 AND 7J0045 CUSTOM FEATURE DESCRIPTION
 Contains information, details of configuration, setup and planning guidance for the 8775 Display Terminal with the Printer Attachment RPQs and enable the IBM 3287 Printer Models 1, 2, 1C, or 2C or the IBM 7436 Printer Model 1 to be attached to the 8775.
 Manual, 8 1/2 x 11 inches, 86 pages, 4/81
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA33-3094
3279 MODEL 2C COLOR DISPLAY CONSOLE PROBLEM DETERMINATION GUIDE
 This manual contains information that the operator may find useful for correct operation and problem determination on the IBM 3279 Model 2C Color Display Console. The guide is designed to be stored inside the keyboard.
 Manual, 1 1/2 x 10 inches, 44 pages, 4/81
 //09/3279/
- GA34-0040
5230 DATA COLLECTION SYSTEM USER'S GUIDE
 This publication is the primary source of information for the IBM 5230 Data Collection System users:
 Explaining the principles of the system
 Describing the procedure for installing the system
 Describing the method of personalizing the system to meet your requirements
 Describing the procedures for operating the system
 Describing routine maintenance procedures
 This publication is to be used by the system planner, the installer, and the operator.
 Manual, 160 pages, 11/75
 //00/5230,5231,5234,5235/
- GA34-1507
IBM SYSTEM/7-360/370 CHANNEL ATTACHMENT: GENERAL INFORMATION MANUAL, RPQ D08112
 This manual describes the RPQ D08112 (System/7 360/370 channel attachment, and RPQ D08113 two channel switch). It contains a general explanation of System/7 360/370 attachment to 360/370 channel data transfer sequences. For correct operation, the machine language instructions, status and sense bytes are explained in detail.
 Manual, 36 pages
 5010//14/3168,3195,3145,3148,3155,3158,3165,2091,3115,3125,3135,3138,2050,2065,2067,2075,2085,2022,2025,2030/
- GA34-1511
SYSTEM/370 IBM 5098-N05 SENSOR BASED CONTROL UNIT GENERAL INFORMATION MANUAL
 This manual describes the configuration of the SBCU with System/370 and System/7. It describes the functional operation of the SECU along with an explanation of the 370 channel commands issued to it. This publication also describes the order and responses sent between the SBCA and SBCU.
 Manual
 3031,3032,3138,3148,3195,3115,3033,5010,3155,3165,3145,3135,3158,3168,3125//14/5098/
- LBOF-0411
PTF 5746-RC3
 This bill of forms number is used to distribute FTF microfiche via SLSS.
 General bill of forms
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LBOF-0412
PTF 5746-RC3
 This bill of forms number is used to distribute FTF microfiche via SLSS.
 General bill of forms
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LBOF-2240
PTF 5746-AM2
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche, reduced 45x
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LBOF-2242
PTF 5746-AM4
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche, reduced 45x
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LBOF-2255
PTF FOR 5746-XE3
 This bill of forms number is used to distribute FTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LBOF-2256
PTF FOR 5746-XE3
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF

LBOF-2257
PTF 5746-XE3
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche, reduced 45x
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-4921
PTF 5746-XE6
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-4922
PTF 5746-XE6
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-4923
PTF 5746-SA1
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-4927
PTF 5746-XE8
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SBOF-4928
PTF 5747-CH1
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - ORDER NO. SUBSCRIPTION ONLY

LBOF-4931
PTF 5735-XX1
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-4932
PTF 5746-XXV
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-4933
PTF 5746-AM2
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-6000
COMPONENTS IN SU1 (SUID 5752-801)
 This Bill of Forms contains the microfiche for SU1 (5752-801).
 Microfiche, 8/76
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SBOF-6406
1410/7010 EMULATOR PTF LISTINGS FOR PROG. NO. 5744-AG1
PTF 5744
 This Bill of Forms contains the items listed in the Current Price List, Bill of Forms section, under this BOF Number.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-7530
PTF 5746-RC5
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche, reduced 45x
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-7532
PTF FOR 5746-XE8
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 General bill of forms
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF

LBOF-7645
PTF VS2 5735-XX6
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-7646
PTF VS1 5735-XX6
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9136
PTF 5735-RC2
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9137
PTF 5740-XYG
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9139
PTF 5735-RC3
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9140
PTF VS2 5735-RC3
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9141
PTF FOR 5735-RC3
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 General bill of forms
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9142
PTF VS1 5735-RC3
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9143
PTF FOR 5740-XYG
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9144
PTF FOR 5740-XXF
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9145
PTF 5799-AZT
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche, reduced 45x
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9146
PTF FICHE 5740-XX8
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9147
PTF FICHE 5735-XX7
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9148
PTF 5735-XR1
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche, reduced 45x, 6/80
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9149
PTFS 5735-XR1
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche, reduced 45x
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9150
PTF 5799-BAF
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF

GB11

LBOF-9151
PTF 5740-XYN
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9152
PTF FICHE 5662-257
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9153
PTF 5740-AM7
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9154
PTF 5748-XXH SC82
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9155
PTFS FOR 5735-RC5
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9156
PTFS FOR 5740-XX1
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9158
PTF 5748-XX9
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9159
PTF 5748-XXE
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9160
PTF 5748-XX9
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9161
PTF 5740-AMA
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9162
PTF 5734-IM4
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9163
PTF 5748-AP1
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9164
PTF 5734-PL1
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9165
PTF 5734-IM5
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9167
PTF 5740-XY5
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9168
PTF 5740-XYN
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9169
PTF 5740-UT3
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9170
PTF 5740-XR6
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9171
PTF 5740-XY5
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9172
PTF 5740-XYN
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9173
PTF 5740-XYN
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9174
PTF 5740-XYN
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9175
PTF 5668-009
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9176
PTF 5740-XYO
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9177
PTF 5740-XR5
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9178
PTF 5735-OZ5
 This bill of forms number is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LBOF-9180
PTFS 5668-002
 This bill of forms is used to distribute PTF microfiche via SLSS.
 Microfiche
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5026
INTERNATIONAL FIELD PROGRAMS, PROGRAM PRODUCTS, PROGRAM INFORMATION AND INDEX
 This brochure gives descriptions of current International

GB11

IB11

Field Programs released through the International Field Program Center in Uithoorn and Program Products released through the Program Product Development Centers in Europe through 1 April 1981.

The programs are divided into seven different groups according to the type of application. Unless otherwise indicated, the manuals for the various programs are in English.

The programs are listed in an alphabetical list and in the Appendix the programs are listed according to application type.

02212

GB11-5020

Consult your local IBM marketing organization regarding the prices of the programs listed in this brochure and their availability in your country.

Flyer, 8 1/2 x 11 inches, 6 pages, 4/81

SLSS - ORDER NO. SUBSCRIPTION ONLY

GB11-5088

DL/I PERFORMANCE ENHANCEMENT-DOS/VS & OS/VS,
LIC PROG 5785-DAX, NOTICE

DL/I Performance Enhancement organizes the physical position of root segments of data bases and their dependents, according to their frequency of usage. The objective is to reduce as far as possible the physical movement of the disk arm, thereby reducing the elapsed time required to process jobs.

Information about the frequency of root segment usage may be provided to the performance aid. For Bill of Material data bases, the performance aid can predict the frequency of the usage of root segments, using as a basis their frequency of occurrence in other Bill of Material structures.

With the DL/I Performance Enhancement, it may be possible to:

- Reduce the time required for processing
- Reduce the frequency of data base reorganization

Flyer, 8 1/2 x 11 inches, 6 pages, 6/78

///5785-DAX/WT-ONLY

SB11-5089

DL/I PERFORMANCE ENHANCEMENT-DOS/VS & OS/VS,
LIC PROG 5785-DAX, DESCRIPTION/OPERATIONS

DL/I Performance Enhancement organizes the physical position of root segments of data bases and their dependents, according to their frequency of usage. The objective is to reduce as far as possible the physical movement of the disk arm, thereby reducing the elapsed time required to process jobs.

Information about the frequency of root segment usage may be provided to the performance aid. For Bill of Material data bases, the performance aid can predict the frequency of the usage of root segments, using as a basis their frequency of occurrence in other Bill of Material structures.

With the DL/I Performance Enhancement, it may be possible to reduce both the time required for processing and the frequency of data base reorganization.

Manual, 8 1/2 x 11 inches, 48 pages, 5/78

///5785-DAX/WT-ONLY

GB11-5224

IMS/VS APPLICATION CONTROL SYSTEM, IFP 5787-NAC, NOTICE

The IMS/VS Application Control System, referred to below as CECILIA, provides a means for creating terminal-based computer applications for handling the clerical work flow in a business department.

CECILIA is an aid for implementing IMS/VS applications which are truly conversational and closely adapted to the needs of the user.

IMS/VS applications running together with CECILIA offer a user environment aimed at improving user productivity. The user of a CECILIA-based application needs little knowledge about the computer system itself. The user works with personalized menus for work selection and with conversational applications tailored to the user's work needs.

Flyer, 8 1/2 x 11 inches, 6 pages, 1/80

///5787-NAC/WT-ONLY

GB11-5225

IMS/VS APPLICATION CONTROL SYSTEM, IFP 5787-NAC, GENERAL INFORMATION MANUAL

IMS/VS Application Control System, in this manual referred to as CECILIA, aids in developing and operating IMS/VS applications to make them truly conversational and closely adapted to the needs of the end user.

This manual describes in general terms, for users, designers, and programmers, how CECILIA works in practice and how it can be implemented. Some familiarity with IMS/VS is required for an understanding of this manual.

Manual, 8 1/2 x 11 inches, 40 pages, 1/80

///5787-NAC/WT-ONLY

SB11-5226

IMS/VS APPLICATION CONTROL SYSTEM, IFP 5787-NAC,
APPLICATION PROGRAMMING REFERENCE

The IMS/VS Application Control System, in this manual referred to as CECILIA, aids in developing and operating IMS/VS applications to make them truly conversational and closely adapted to the needs of the end user.

This publication is intended for application programmers and system analyst. Prerequisite publication is: IMS/VS Application Control System, General Information Manual, GB11-5225

Associated publications are:

IMS/VS Application Control System, System Programming Reference Manual, SB11-5227

IMS/VS Application Control System, Terminal User's Guide, SB11-5228

IMS/VS Application Control System, Messages and Codes, Manual, SB11-5445

Manual, 8 1/2 x 11 inches, 86 pages, 01/80

///5787-NAC/WT-ONLY

SB11-5227

IMS/VS APPLICATION CONTROL SYSTEM, IFP 5787-NAC, SYSTEM PROGRAMMING REFERENCE

This document is intended for the system programmer who is to install and maintain the IMS/VS Application Control System referred to in this manual as CECILIA. It describes how to initially install the product, maintain it and make any desired changes to it. The user of this manual should already be familiar with the CECILIA terminology as described in the General Information Manual: GB11-5224.

Manual, 8 1/2 x 11 inches, 204 pages, 3/80

///5787-NAC/WT-ONLY

SB11-5228

IMS/VS APPLICATION CONTROL SYSTEM, IFP 5787-NAC, TERMINAL USER'S GUIDE

IMS/VS Application Control System, in this manual referred to as CECILIA, aids in developing and operating IMS/VS applications to make them truly conversational and closely adapted to the needs of the end user.

This manual describes in detail the structure and contents of the CECILIA Job Management Dialog. It is intended as a reference document and its contents should be adapted to suit the needs of the individual terminal user.

For further information on CECILIA, refer to the following publications:

IMS/VS Application Control System, General Information Manual, GB11-5225

IMS/VS Application Control System, Application Programming Reference Manual, SB11-5226

IMS/VS Application Control System, System Programming Reference Manual, SB11-5227

IMS/VS Application Control System, Messages and Codes Manual, SB11-5445

Manual, 8 1/2 x 11 inches, 40 pages, 01/80

///5787-NAC/WT-ONLY

GB11-5287

ATTACHED PARTITION PROCESSOR, IFP 5785-EAG, NOTICE

The Attached Partition Processor is designed to enable DOS/VS users to increase their average level of multiprogramming and, as a result, to improve the productivity of their computer systems.

Frequently the steps of a job are related, although they are not always totally interdependent. They are often run as consecutive steps of a job for operational convenience.

The Attached Partition Processor allows users to run non-dependent steps of a job simultaneously. This is achieved by 'attaching' additional partitions and running selected steps in them.

Flyer, 8 1/2 x 11 inches, 4 pages, 9/80

///5785-EAG/WT-ONLY

SB11-5288

ATTACHED PARTITION PROCESSOR, IFP 5785-EAG,
DESCRIPTION/OPERATIONS

The Attached Partition Processor is designed to enable DOS/VS users to increase their average level of multiprogramming and, as a result, to improve the productivity of their computer systems.

Frequently the steps of a job are related, although they are not always totally interdependent. They are often run as consecutive steps of a job for operational convenience.

The Attached Partition Processor allows users to run non-dependent steps of a job simultaneously. This is achieved by 'attaching' additional partitions and running selected steps in them.

Manual, 8 1/2 x 11 inches, 98 pages, 9/80

///5785-EAG/WT-ONLY

LB11-5289

ATTACHED PARTITION PROCESSOR, IFP 5785-EAG

The Attached Partition Processor is designed to enable DOS/VS users to increase their average level of multiprogramming and, as a result, to improve the productivity of their computer systems.

Frequently the steps of a job are related, although they are not always totally interdependent. They are often run as consecutive steps of a job for operational convenience.

The Attached Partition Processor allows users to run non-dependent steps of a job simultaneously. This is achieved by 'attaching' additional partitions and running selected steps in them.

Manual, 8 1/2 x 11 inches, 48 pages, 9/80

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SB11

SB11

SB11-5325

APPLICATION DISPLAY SERVICES, IFF 5785-AAE, DESCRIPTION/OPERATIONS

This manual provides guidance for the installation and use of the Application Display Services program.

This program executes under the Conversational Monitor System, a component of VM/370.

The program is an application management tool which simplifies the design, implementation and testing of full-screen support services for interactive application programs running under VM/CMS.

The program provides automatic code generation for PL/I and COBOL application programs. It also supports the documentation of screen layouts by preparing SCRIPT files for printouts.

Manual, 8 1/2 x 11 inches, 38 pages, 11/79
 ///5785-AAE/WT-ONLY

///5785-EAF/WT-ONLY

LB11-5333

SYSTEM/370 NETWORK CONTROL PROGRAM/VS START/STOP SNA TRANSFORM, IFF 5785-EAF, SYSTEMS GUIDE

This manual is designed to provide detailed information about the techniques used by and the method of operation of the program.

This manual is intended for system programmers who have a need to diagnose any problems that may occur during the running of the program, or who plan to enhance the program by providing additional facilities. The reader is assumed to be familiar with 3705 Communication Controller hardware, to have a working knowledge of SNA data flow, and to be acquainted with the operation of the Start/Stop terminals which are to be used with the program.

Manual, 8 1/2 x 11 inches, 52 pages, 8/79
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SB11-5327

APPLICATION DISPLAY SERVICE, IFF 5785-AAE, QUICK USER'S CARD

This reference card contains basic information from the Application Display Services Program Description and Operations Manual, SB11-5325. The purpose of this card is to provide step-by-step guidance for the first-time user of CMS/ADS.

Reference card, 20.7 x 9.5 cm, 14 pages, 4/79
 ///5785-AAE/WT-ONLY

GB11-5336

IBM VS APL IMS/VS/DE VS APL-DL/I INTERFACE IFF 5785-FAL, NOTICE

The VS APL-DL/I Interface is a generalized interface program between VS APL running under VSPC and the data base access method DL/I. It provides a powerful and easy-to-use data base extraction method in APL, thereby combining the data analysis power of APL with the data extraction power of DL/I.

Instead of importing extracted data from an IMS data base in the VSPC system, the VS API user can read the data directly from live data bases. The interface is an Auxiliary Processor for VSFC and can run as a batch message program in an online IMS DB/DC system or as a DL/I batch program in a DB-only system.

The interface is designed to handle any number of simultaneously active APL users and can extract data from any number of data bases.

Flyer, 8 1/2 x 11 inches, 4 pages, 5/79
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GB11-5328

S/370 DISPLAY INPUT/OUTPUT FACILITY, IFF 5785-HAA, NOTICE

The Display Input/Output Facility International Field Program (further referred to as IOS3270) is a full-screen input/output facility for Virtual Machine/370 Conversational Monitor System, designed to utilize the features of both local and remote display terminals.

IOS3270 is especially written to be driven from CMS EXEC files.

The use of this International Field Program may provide substantial productivity gains resulting from a simple easy-to-write, full-screen definition language, providing a far easier way of communicating with a user (through EXECs).

Flyer, 8 1/2 x 11 inches, 4 pages, 11/79
 ///5785-HAA/WT-ONLY

SB11-5337

VS APL - DL/I INTERFACE, IFF 5785-FAL, DESCRIPTION/OPERATIONS

This manual provides information about the functions and the installations tasks for the VS APL-DL/I interface IFF. This program is a generalized interface between VS APL running under VS PC and DL/I. It is running as an auxiliary processor for VS PC and it can be used as a batch program in a DB system or controlled by an online EB-DC (IMS/VS) system. The VS APL user can directly read from online data bases. One request can result in a large number of DL I calls and only the interesting segment fields will be translated and passed to the APL user in a character vector format.

The interface can handle any number of simultaneously active APL users and can extract from any number of data bases (logical, physical, support of secondary indexes).

The data bases or segments can be protected by passwords. For editing purposes user exits can be called. Start-up parameters are available to adapt the interface to specific installation requirements.

Manual, 8 1/2 x 11 inches, 34 pages, 5/79
 ///5785-FAL/WT-ONLY

SB11-5329

DISPLAY INPUT/OUTPUT FACILITY, IFF 5785-HAA, DESCRIPTION/OPERATIONS

The Display Input/Output Facility International Field Program is a full-screen input/output facility for Virtual Machine/370 Conversational Monitor System, designed to utilize the features of both local and remote display terminals.

It is written to be driven from CMS EXEC files.

Manual, 8 1/2 x 11 inches, 32 pages, 12/79
 ///5785-HAA/WT-ONLY

SB11-5330

APPLICATION DISPLAY SERVICES, IFF 5785-AAE, QUICK REFERENCE CARD

This reference card contains basic information from the Application Display Services Program Description and Operational Manual, SB11-5325. The purpose of this card is to provide basic reference information for the user of CMS/ADS.

Reference card, 20.7 x 9.5 cm, 14 pages, 4/79
 ///5785-AAE/WT-ONLY

GB11-5338

S/370 303X PROCESSOR DATA MAPPING PROGRAM, IFF 5785-EAP, -EA NOTICE

The Data Mapping Programs are designed to provide a fast, flexible, low-cost way to implement small-to-medium size data base applications (in traditional record-oriented terms, up to about a hundred thousand field instances). The facilities in the Data Mapping Program make programming unnecessary for many applications. A data structure for the application is defined by commands entered at a terminal, and can be extended at any time without disrupting existing applications for reorganizing the data. Data entry, online query, and report specification are done at the terminal. The Data Mapping Program uses the data definition to monitor and guide the terminal operations.

There are two versions of the Data Mapping Program, 5785-EAP for use with TSO and 5785-EAQ for use with VM/CMS.

Flyer, 8 1/2 x 11 inches, 6 pages, 9/79

GB11-5331

SYSTEM/370 MVS/TSO NCP/VS START/STOP - SNA TRANSFORM, LIC PROG 5785-EAF, NOTICE

The availability notice for the International Field Program NCP/VS Start/Stop-SNA Map describes the functions, the system and installation requirements, and the ordering information for this program.

A large proportion of time sharing terminals consist of devices behaving like IBM 2741 Communications Terminals and/or ASCII Terminals using Western Union Teletypewriter Exchange service Start/Stop code. These devices have traditionally been supported by TSO using TCAM in conjunction with the 3704/3705 Emulator Program.

This International Field Program is intended to provide an interim solution to the support of start/stop terminals with TSO/VTAM until TSO/NTO (Network Terminal Option of ACP/NCP/VS Release 2) becomes available.

Flyer, 8 1/2 x 11 inches, 6 pages, 7/79
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SB11-5339

S/370 OR 303X PROCESSOR DATA MAPPING PROGRAM, IFF 5785-EAP, -EAQ, DESCRIPTION/OPERATIONS

The Data Mapping Program is a data manager designed for non-programmers.

Using simple commands, an end user can define his data structure and enter, update, and delete data which is immediately available for query at the terminal. He can generate ad hoc reports interactively and store commands to generate standard reports. No application programming is needed for these functions.

Data is stored in a flexible manner which permits indexing on any field. As a result, it is very simple to define new reports using existing data.

The data structure can be extended at any time without reorganizing existing data, thus new applications can be added without affecting existing production work.

Manual, 8 1/2 x 11 inches, 38 pages, 9/79
 ///5785-EAP,5785-EAQ/WT-ONLY

SB11-5332

SYSTEM/370 NETWORK CONTROL PROGRAM/VS START/STOP SNA TRANSFORM, IFF 5785-EAF, DESCRIPTION/OPERATIONS

This manual is intended to provide an installation systems programmer with detailed information regarding the functions, operation, and installation of the program.

This manual includes a description of installation prerequisites such as the generation of a suitable NCP or PEP, and also provides operating procedures for both the system operator and the terminal user. The reader is assumed to be familiar with the installation and specifications of TSO, VTAM, and NCP/VS.

Manual, 8 1/2 x 11 inches, 44 pages, 8/79

SB11

SB11

SB11-5340

S/370 OR 303X PROCESSOR DATA MAPPING PROGRAM, IFF 5785-EAP, -EAQ, USER'S GUIDE
The Data Mapping Program is a data manager designed for non-programmers.

Using simple commands, an end user can define his data structure and enter, update, and delete data which is immediately available for query at the terminal. He can generate ad hoc reports interactively and store commands to generate standard reports. No application programming is needed for these functions.

Data is stored in a flexible manner which permits indexing on any field. As a result, it is very simple to define new reports using existing data.

The data structure can be extended at any time without reorganizing existing data, thus new applications can be added without affecting existing production work.

Manual, 8 1/2 x 11 inches, 56 pages, 9/79
////5785-EAP,5785-EAQ/WT-ONLY

GB11-5341

IMS/VS QUEUE LOADER, S/370 303X PROCESSORS, IFF 5785-GAJ, NOTICE

The IMS/VS Queue Loader (IQL) basic component is an IMS application program that runs in a batch message processing (BMP) region, which can feed IMS/VS Message Queue data sets on the basis of data communication records extracted from a log tape of a previous IMS run. The log tape contains the transaction mix and rate that the user wishes to employ as the basis of IQL runs.

IQL is designed to assist the system programmer responsible for the maintenance and tuning of the IMS/VS system in performing regression tests during migrations to new IMS/VS workload. In this way, the performance and resource utilization may be optimized. In order to allow the evaluation of future requirements, the user can also simulate an increase in the system workload for measuring response time and throughput trends.

Flyer, 8 1/2 x 11 inches, 4 pages, 7/80
////5785-GAJ/WT-ONLY

SB11-5342

IMS/VS QUEUE LOADER, IFF 5785-GAJ
DESCRIPTION/OPERATIONS

The IMS/VS Queue Loader (IQL) basic component is an IMS application program that runs in a batch message processing (BMP) region, which can feed IMS/VS Message Queue data sets on the basis of data communication records extracted from a log tape of a previous IMS run. The log tape contains the transaction mix and rate that the user wishes to employ as the basis of IQL runs.

By means of IQL, an IMS situation may be repeated more than once to test different IMS functions, to measure performances while changing some IMS parameters, or to evaluate system behavior at different transaction rates.

A great deal of effort has been given to making this tool as IMS release-independent as possible and to minimizing its impact on the IMS system.

Manual, 8 1/2 x 11 inches, 50 pages, 4/79
////5785-GAJ/WT-ONLY

GB11-5343

NETWORK MANAGEMENT SYSTEMS NETWORK ARCHITECTURE
IFF 5785-EAL, NOTICE

The availability notice is a marketing oriented document that describes the purpose and capabilities of the program, advantages of design, and problems solved by the program referenced in the title.

Flyer, 8 1/2 x 11 inches, 4 pages, 5/80
////5785-EAL/WT-ONLY

SB11-5344

SYSTEM/370 - NETWORK CONTROL PROGRAM BUILDER, IFF 5785-EAL
DESCRIPTION/OPERATIONS

A major effort in setting up and maintaining Systems Network Architecture (SNA) networks is the construction and modification of Network Control Programs (NCPs).

The Network control Program Builder program creates NCP source programs from simple tables built by the user. It also automatically generates all the required node names according to a tried and tested, universally applicable convention, thus saving the user the effort of devising his own convention.

Partitioned Emulation Programs (PEPs) and local or remote NCPs can be constructed using the program.

This manual provides the information needed to understand, install, and successfully use the NCP Builder program.

An understanding of Systems Network Architecture and particularly Network Control Programs is also required.
Manual, 8 1/2 x 11 inches, 118 pages, 8/79
////5785-EAL

GB11-5350

SYSTEM/3 TO DOS/VSE CONVERSION AID, IFF 5785-KAD, NOTICE

This conversion aid simplifies conversion from an IBM System/3 to DOS/VSE. It converts complete S/3 RPG Batch Job streams, including source statements, job control, file definitions data, and utilities.

The advantage of this conversion aid lies in the completeness of the conversion. It reduces the conversion effort drastically and lowers the total migration costs.

Flyer, 8 1/2 x 11 inches, 4 pages, 7/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

SB11-5351

CONVERSION AID SYSTEM/3 TO DOS/VSE, IFF 5785-KAD,
DESCRIPTION/OPERATIONS

This publication provides the information required by a user who wants to migrate from a System/3 to IEM 4300 Processor under DOS/VSE. It contains the information needed to convert programs and files and to prepare the corresponding control card.

This conversion aid simplifies conversion from an IBM System/3 to DOS/VSE. It converts complete S/3 RPG Batch Job streams, including source statements, job control, file definitions data, and utilities.

Manual, 8 1/2 x 11 inches, 92 pages, 7/79
////5785-KAD/WT-ONLY

GB11-5352

SYSTEM/370 OS/VS1 AND MVS UP, MP, OR JES1 MULTI-ACCESS SPOOL
CHAINED JOBS SCHEDULING, IFF 5785-GAK, NOTICE

The Chained Job Scheduling program, running under the OS operating system, controls the execution of a set of jobs linked by logical dependencies.

The program, using control cards defining the consequential links, permits execution of the single jobs at the appropriate time. The program receives, by means of standard System Management Facilities (SMF) exits, communications from the operating system on event course and controls the job queue, releasing the jobs which may be executed. An automatic operator function is performed.

This availability notice describes the program and contains information to enable the user to perform the operations required to install and run it.

Flyer, 8 1/2 x 11 inches, 4 pages, 11/79

SB11-5353

S/370 CHAINED JOBS SCHEDULING, IFF 5785-GAK,
DESCRIPTION/OPERATIONS

The Chained Jobs Scheduling program controls the execution of a set of jobs linked by logical dependencies.

At any moment, the user may check the progress of each set of jobs because for each job he has global and detailed information concerning its activity, status, and end-of-job condition.

All the functions are autonomously performed by the program without any modification to the operating system, thus making the program fully independent of new versions or releases of the operating system.

This manual describes the program and contains information to enable the user to perform the operations required to install and run it.

Manual, 8 1/2 x 11 inches, 72 pages, 8/79
////5785-GAK/WT-ONLY

LB11-5354

S/370 CHAINED JOBS SCHEDULING PROGRAM, IFF 5785-GAK, LOGIC
DESCRIPTION/OPERATIONS

The Chained Jobs Scheduling program controls the execution of a set of jobs linked by logical dependencies.

At any moment, the user may check the progress of each set of jobs because for each job he has global and detailed information concerning its activity, status, and end-of-job condition.

All the functions are autonomously performed by the program without any modification to the operating system, thus making the program fully independent of new versions or releases of the operating system.

This manual provides detailed information on the program architecture and logic. Its purpose is to enable the user to make his own modifications, diagnose errors, and implement corrections.

Manual, 8 1/2 x 11 inches, 52 pages, 8/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5358

IBM COBOL CONVERSION AID FROM NCR COBOL, IFF 5785-DCE,
NOTICE

The IBM COBOL Conversion Aid from NCR COBOL International Field Program is a series of programs and subroutines, designed to assist in:

- Converting programs written in NCR Century COBOL into IBM ANS COBOL, for compilation and execution under DOS/VSE on an IBM 4300 processor

- Converting data files written in NCR Century data formats into data formats acceptable to the IBM 4300 system.

Flyer, 8 1/2 x 11 inches, 4 pages, 9/79
////5785-DCD/WT-ONLY

SB11-5359

IBM COBOL CONVERSION AID FROM NCR COBOL, IFF 5785-DCD,
DESCRIPTION/OPERATIONS

This International Field Program converts NCR Century COBOL programs to IBM DOS Full ANS COBOL programs.

This manual describes the processing, installation, and operation of the conversion system.

Users must still verify proper execution of the converted programs or of any configuration they are planning to use.

Manual, 8 1/2 x 11 inches, 112 pages, 9/76
////5785-DCD/WT-ONLY

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GB11-5366

LOCAL DISPLAY TERMINAL SIMULATOR, IFF 5785-EAY, NOTICE
The Local Display Terminal Simulator (LDTS) is designed to run on the IBM OS/VS2 MVS and MVS System Extension operating systems in order to simulate the locally attached IBM 3277, 3284, and 3286 Model 2 terminals using user-written text messages. The LDTS provides a rather quick and easy method of driving an MVS system without requiring two separate processors or any terminal hardware.

It provides a method of driving the operating system under test by using terminal-based workloads with only one processor and without any of the associated hardware. It is designed to have a small but measurable effect on the performance of the operating system.

Flyer, 8 1/2 x 11 inches, 4 pages, 10/80
////5785-EAY/WT-ONLY

////5785-JAD/WT-ONLY

SB11-5403

IBM COBOL CONVERSION AID FROM FACOM COBOL, IFF 5785-JAL, DESCRIPTION/OPERATIONS
This conversion Aid is a series of programs and procedures designed to assist in the conversion of FACOM COBOL programs to IBM COBOL programs.

It is designed to operate on an IBM System/370, an IBM 303X Processor, or an IBM 4300 Processor. It operates under DOS/VS, DOS/VSE, OS/VS or VM/CMS. Minimum storage requirement under DOS/VSE is 512k.

Manual, 8 1/2 x 11 inches, 76 pages, 11/79
////5785-JAD/WT-ONLY

SB11-5367

LOCAL DISPLAY TERMINAL SIMULATOR, IFF 5785-EAY, DESCRIPTION/OPERATIONS

The MVS Local Display Terminal Simulator is intended to assist system programming staff in the areas of system performance tuning, system workload prediction, system stress and function testing, as well as in terminal application function testing. It does this by providing a method of simulating the locally attached IBM 3277 Model 2, using standard system functions. It does not require system modification and can be run on a range of MVS operating systems.

This manual is intended mainly for systems programmers with a knowledge of the IBM 3270 system, who will be responsible for installing and using LDTS.

Manual
////5785-EAY/WT-ONLY

GB11-5404

IMS/VS INTERACTIVE SCREEN IMPLEMENTATION AND TUTORIAL SYSTEM, IFF 5785-GAQ, NOTICE

The IMS/VS Interactive Screen Implementation and Tutorial System is designed for easy and fast entering of data required to build Message Format Service (MFS) control blocks. It provides:

- An easy-to-use, easy-to-learn tool for programmers and application specialists
- A means to reduce development time and effort
- A means to reduce start-up-time and effort
- A means to spread installation experience and standards and thereby speed up application implementation.

Flyer, 8 1/2 x 11 inches, 4 pages, 9/80
////5785-GAQ/WT-ONLY

GB11-5370

COBOL CONVERSION AID FROM ICL PLAN 5787-EAC, -EAD, NOTICE
Conversion (or rewriting) of PLAN program can be a time-consuming part of the translation to IBM programs.

These conversion aids are designed to automate most of the translation of the program into COBOL and to provide guidance to assist manual completion of the translation and production of executable COBOL programs. The aids also assist the introduction of agreed practices on high-level language programs for easier program maintenance, and can reduce the cost of retraining staff to use IBM systems.

Users must still verify proper execution of the converted programs on any configuration they are planning to use.

ICL is a trademark of International Computers Limited.
Flyer, 8 1/2 x 11 inches, 4 pages, 12/79
////5787-EAC,5787-EAD/WT-ONLY

SB11-5405

IMS/VS INTERACTIVE SCREEN IMPLEMENTATION AND TUTORIAL SYSTEM, IFF 5785-GAQ DESCRIPTION/OPERATIONS

The IMS/VS Interactive Screen Implementation and Tutorial System is designed for easy and fast entering of data required to build Message Format Service (MFS) control blocks. It provides:

- An easy-to-use, easy-to-learn tool for programmers and application specialists
- A means to reduce development time and effort
- A means to reduce start-up-time and effort
- A means to spread installation experience and standards and thereby speed up application implementation.

Manual, 8 1/2 x 11 inches, 84 pages, 9/80
////5785-GAQ/WT-ONLY

GB11-5384

MVS CONTROL OF MAGNETIC TAPE ERRORS, IFF 5785-EAX, NOTICE

The Tape Error Control System consists of a suite of programs which report upon and enable control of errors relating to magnetic tapes and tape drives.

It eliminates the laborious manual effort in checking system management facilities (SMF) or LOGREC listings to find error tapes, as all error tapes are listed with the action recommended to remove the error. The one-page report thus produced doubles as an action log.

This system also eliminates the uncertainty from tape cleaning by maintaining a history file which enables tapes to be monitored after cleaning.

The detailed accuracy provided by this system (impracticable with manual methods) gives the user the information necessary to obtain optimum performance from magnetic tapes and their units.

Flyer, 8 1/2 x 11 inches, 4 pages, 11/79
////5785-EAX/WT-ONLY

GB11-5406

DATA BASE SEGMENTS DISTRIBUTION ANALYZER, IFF 5785-GAR, NOTICE

The Data Base Segments Distribution Analyzer (DBSDA) is a productivity tool for the design, monitoring, and tuning of a DL/I data base. By means of histograms, it shows the distribution of the number of occurrences of dependent segments, at each level, within data base records or the distribution of the number of dependent segments of a given segment type.

Flyer, 8 1/2 x 11 inches, 4 pages, 05/80
////5785-GAR/WT-ONLY

SB11-5385

TAPE ERROR CONTROL SYSTEM, IFF 5785-EAX, DESCRIPTION/OPERATIONS

The Tape Error Control system consists of a suite of programs which report upon and enable control of errors relating to magnetic tapes and tape drives.

The detailed accuracy provided by this system (impracticable with manual methods) gives the user the information necessary to obtain optimum performance from magnetic tapes and their units.

This manual provides the user with sufficient information to understand, install, and run the system. In addition, the various reports produced by the system are illustrated.

Manual, 8 1/2 x 11 inches, 30 pages, 11/79
////5785-EAX/WT-ONLY

GB11-5407

CONVERSION AID FOR BATCH JOB STREAMS, IFF 5785-EEF

The process of converting batch application programs from DOS/VS or DOS/VSE to MVS requires identification of programs and files that need to be converted, the ability to convert accurately large amounts of job control language (JCL), and sufficient information to create a detailed project plan.

This Conversion Aid for Batch Job Streams is designed to monitor the DOS/VS applications (in this document DOS/VS includes DOS/VSE unless otherwise stated) and to provide a printed profile containing the programs and files actually used. It thus identifies the programs and files that need to be converted. This information can be used in project planning, particularly for setting up realistic checkpoints, and for planning manpower and machine time requirements. The Conversion Aid also constructs the MVS JCL required to run the original applications.

Flyer, 8 1/2 x 11 inches, 4 pages, 11/80
////5785-EEF

GB11-5402

CONVERSION AID IBM COBOL CONVERSION AID FROM FACOM COBOL, IFF 5785-JAD

This Conversion Aid is a series of programs and procedures designed to assist in the conversion of FACOM* COBOL programs to IBM COBOL programs.

If the Conversion Aid is not used, differences between FACOM COBOL and IBM COBOL must be resolved manually for each individual program. The Conversion Aid was written to minimize such manual intervention.

*Facom is a trademark of Fujitsu Ltd.
Flyer, 8 1/2 x 11 inches, 4 pages, 11/79

SB11-5409

CONVERSION AID FOR BATCH JOB STREAMS, IFF 5785-EEF, DESCRIPTION/OPERATIONS

The Conversion aid for Batch Job Streams (Program Number 5785-EEF) is an International Field Program designed to assist in moving application programs from a DOS/VS or DOS/VSE environment to an MVS environment. In the

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documentation for this program, the term DOS/VSE will include DOS/VSE unless otherwise stated.

This manual describes the programs which make up the Conversion Aid, their installation, use, and possible modification. All programs are designed to run under DOS/VSE, and some can be run under MVS or CMS as an alternative. Therefore, the user is assumed to have a working knowledge of DOS/VSE and an appreciation of MVS or CMS.

Manual, 8 1/2 x 11 inches, 136 pages, 12/80
 ///5785-EBF/WT-ONLY

GB11-5410

BATCH TERMINAL FAST PATH SUPPORT, IFF 5785-CAA, NOTICE
 Productivity in the testing of IMS/VSE Fast Path applications may be increased by effective use of the Batch Terminal Fast Path Support (BTFFPS) International Field Program. BTFFPS assists the programmer in testing and documenting IMS/VSE Fast Path application programs quickly and thoroughly.

BTFFPS is a terminal simulator that allows online IMS/VSE Fast Path application programs to be tested in a simplified IMS/VSE environment without extensive use of teleprocessing hardware. It provides IMS/VSE Fast Path users with a comprehensive means of checking and debugging.
 Flyer, 8 1/2 x 11 inches, 4 pages, 6/80
 ///5785-CAA/WT-ONLY

GB11-5411

BATCH TERMINAL FAST PATH SUPPORT IFF 5785-CAA DESCRIPTION/OPERATIONS

The Batch Terminal Fast Path Support extends the capabilities of the Batch Terminal Simulator II to allow IMS/VSE DL/I or Fast Path application to be tested in an IMS/VSE batch message processing environment.

In addition to the Fast Path support, BTFFPS provides extended support for system calls. This publication provides a general description of BTFFPS in terms of changes or extensions to BTS II.
 Manual, 8 1/2 x 11 inches, 52 pages, 6/80

GB11-5412

IBM COBOL CONVERSION AID FROM HONEYWELL COBOL, IFF 5785-JAA, NOTICE

This Conversion Aid is a series of programs and procedures designed to assist in the conversion of Honeywell* 200/2000, 162/64/66 series COBOL programs to IBM COBOL.

If the Conversion Aid is not used, differences between Honeywell COBOL and IBM COBOL must be resolved manually for each individual program. The Conversion Aid was written to minimize such manual intervention.

Users must still, however, verify proper execution of the converted programs on any configuration they are planning to use.

*Honeywell is a trademark of Honeywell Inc.
 Manual, 8 1/2 x 11 inches, 4 pages, 1/80
 ///5785-JAA/WT-ONLY

SB11-5413

IBM COBOL CONVERSION AID FROM HONEYWELL COBOL, IFF 5785-JAA, DESCRIPTION/OPERATIONS

This Conversion Aid is a series of programs and procedures designed to assist in the conversion of Honeywell COBOL programs to IBM COBOL programs.

It is designed to operate on an IBM System/370, and IBM 303X Processor, or an IBM 4300 Processor. It operates under DOS/VSE, DOS/VSE, OS/VSE or VM/CMS. Minimum storage requirement under DOS/VSE is 512K.

Manual, 8 1/2 x 11 inches, 74 pages, 01/80
 ///5785-JAA/WT-ONLY

GB11-5414

IBM COBOL CONVERSION AID FROM UNIVAC COBOL, IFF 5785-JAC, NOTICE

This Conversion Aid is a series of programs and procedures designed to assist in the conversion of UNIVAC* 90/9000/1100 series COBOL programs to IBM COBOL.

Users must still, however, verify proper execution of the converted programs on any configuration they are planning to use.

*UNIVAC is a trademark of The Sperry Rand Corporation.
 Flyer, 8 1/2 x 11 inches, 4 pages, 1/80
 ///5785-JAC/WT-ONLY

SB11-5415

IBM COBOL CONVERSION AID FROM UNIVAC COBOL, IFF 5785-JAC, DESCRIPTION/OPERATIONS

This Conversion Aid is a series of programs and procedures designed to assist in the conversion of UNIVAC COBOL programs to IBM COBOL programs.

It is designed to operate on an IBM System/370, an IBM 303X Processor, or an IBM 4300 Processor. It operates under DOS/VSE, DOS/VSE, OS/VSE, or VM/CMS. Minimum storage requirements under DOS/VSE is 512K.

Manual, 8 1/2 x 11 inches, 80 pages, 01/80
 ///5785-JAC/WT-ONLY

GB11-5438

MVS MODULE PACKER, IFF 5785-WAA, NOTICE
 The MVS Module Packer International Field Program is a Multiple Virtual Storage (MVS) tuning tool.

It is designed to help improve the performance of individual user programs and specific MVS system components.

In many cases, capacity is wasted by unnecessary paging. The MVS Module Packer may help to use this capacity for useful work.

Flyer, 8 1/2 x 11 inches, 4 pages, 02/80
 ///5785-WAA/WT-ONLY

GB11-5440

MVS LINK PACK AREA PACKER, IFF 5785-WAB, NOTICE
 The MVS Link Pack Area Packer International Field Program is a Multiple Virtual Storage (MVS) system tuning program.

The Link Pack Area (LEA) in an MVS system is a pageable area common to all users of the system, and consists of more than 1000 MVS system routines of different sizes.

A low paging rate in the LPA is important for the proper performance of an MVS system.

Flyer, 8 1/2 x 11 inches, 4 pages, 02/80
 ///5785-WAB/WT-ONLY

SB11-5445

IMS/VSE APPLICATION CONTROL SYSTEM, IFF 5787-NAC, REL 1.0, MODIF 0 MESSAGES AND CODES

The IMS/VSE Application Control System, referred to below as CECILIA, provides a means for creating terminal-based computer applications for handling the clerical work flow in a business department.

CECILIA is an aid for implementing IMS/VSE applications which are truly conversational and closely adapted to the needs of the user.

IMS/VSE applications running together with CECILIA offer a user environment aimed at improving user productivity. The user of a CECILIA-based application needs little knowledge about the computer system itself. The user works with personalized menus for work selection and with conversational applications tailored to the user's work needs.

Manual, 8 1/2 x 11 inches, 138 pages, 03/80
 ///5787-NAC/WT-ONLY

GB11-5447

TAPE LIBRARY CONTROL SYSTEM, IFF 5785-EAW, NOTICE

The Tape Library Control System (TICS) International Field Program is a modern automatic tape library system capable of controlling any number of tapes.

TICS is designed to control tapes in installations with any configuration of systems using MVS.

Flyer, 8 1/2 x 11 inches, 4 pages, 04/80
 ///5785-EAW/WT-ONLY

SB11-5448

TAPE LIBRARY CONTROL SYSTEM, IFF 5785-EAW, DESCRIPTION/OPERATIONS

The Tape Library Control System is a modern automatic tape library system capable of controlling any number of IBM standard-label installation tapes. The program may significantly improve the productivity and security of installations with any configuration of systems using MVS. It also permits the reduction of tape library size and can be used to give information about the tapes.

This manual is intended to give the project leader, systems programmer, and batch update controller an in-depth understanding of the system, and information on its installation and operation. It provides reference material which will be useful to users as well.

This manual supplements the Tape Library Control System User's Guide, SB11-5449, which gives a more general understanding of the system.
 Manual, 8 1/2 x 11 inches, 112 pages, 6/80
 ///5785-EAW/WT-ONLY

SB11-5449

TAPE LIBRARY CONTROL SYSTEM, IFF 5785-EAW, USER'S GUIDE

The Tape Library Control System is a modern automatic tape library system capable of controlling any number of IBM standard-label installation tapes. The program may significantly improve the productivity and security of installations with any configuration of systems using MVS. It also permits the reduction of tape library size and can be used to give information about the tapes.

This manual is intended to give the user an overall understanding of the Tape Library Control System and the basic information required to use it.

Those who need a deeper understanding of the software, including project leaders, systems programmers, and batch update controllers, should also read and refer to the Program Description and Operations Manual, SB11-5448. The systems messages in it should be available for reference for tape operators.

Manual, 8 1/2 x 11 inches, 76 pages, 6/80
 ///5785-EAW/WT-ONLY

SB11-5450

MVS MODULE PACKER, IFF 5785-WAA, DESCRIPTION/OPERATIONS
 The MVS Module Packer program is a Multiple Virtual Storage (MVS) tuning tool designed to help improve the performance

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of individual user programs and specific MVS system components.

It comprises a Trace program based on the powerful program event recording capability of the IBM System/370 and IBM 303X Processors, and an efficient Reduction program which processes the trace data and produces ready-to-use Linkage Editor control statements. The achievable gains in working-set size and paging rate are estimated and plotted.

This manual is intended mainly for users who wish to trace and trim operating systems and their applications. Manual, 8 1/2 x 11 inches, 106 pages, 04/80
 ////5785-WAA/WT-ONLY

SB11-5451

MVS LINK PACK AREA PACKER, IFF 5785-WAB, DESCRIPTION/OPERATIONS

The MVS Link Pack Area Packer program is a Multiple Virtual Storage (MVS) system tuning tool, developed to trace the use of link pack area modules and to build a pack list automatically, and to tune it when necessary.

System tuning through this building of a tailored pack list is important mainly with storage constraint systems, for instance, at installations converting from DOS/VS or VS1 to MVS.

This manual is intended mainly for users with at least a limited knowledge of MVS system concepts. Manual, 8 1/2 x 11 inches, 72 pages, 1/81
 ////5785-WAB/WT-ONLY

GB11-5452

CICS/VS DATA ENTRY FACILITY, IFF 5785-WAE, NOTICE

In most data processing installations the need often arises for direct entry of data at the place of origin (the end user department) to avoid double effort (writing coding sheets and keypunching) and reduce turnaround time. Besides, it is in most cases desirable to eliminate the impractical manipulation of card decks and use modern devices, such as display stations, instead.

Since the data is usually in a variety of formats, the data processing department must create a number of special-purpose programs to provide this service. This process may be difficult and expensive.

CICS/VS Data Entry Facility (hereinafter referred to as CICS/VS/DEF) is designed to solve these problems and reduce the necessary effort and expense. CICS/VS/DEF enables the user of CICS/VS to enter any kind of data on an IBM 3270 Information Display System and to store them on data sets residing on disk devices.

CICS/VS/DEF is easy to learn and handle. It is basically designed for the end user, but through its efficient buffering and blocking mechanism CICS/VS/DEF is also a tool for a central, performance oriented, data entry pool.

Flyer, 8 1/2 x 11 inches, 4 pages, 10/80
 ////5785-WAE/WT-ONLY

SB11-5453

CICS/VS DATA ENTRY FACILITY, IFF 5785-WAE, DESCRIPTION/OPERATIONS

CICS/VS/DEF enables the user of CICS/VS to enter any kind of data on an IBM 3270 Information Display System and to store them on data sets residing on disk devices. This helps avoid the need to create a number of special-purpose programs.

CICS/VS/DEF is easy to learn and handle. It is basically designed for the end user, but through its efficient buffering and blocking mechanism CICS/VS/DEF is also a tool for a central, performance oriented, data entry pool.

Manual, 8 1/2 x 11 inches, 52 pages, 12/80
 ////5785-WAE/WT-ONLY

GB11-5463

SYSTEM/370 FILE FORMATTER FOR THE IBM OFFICE SYSTEM 6, IFF 5785-EBH

The aim of the IBM System/370 File Formatter for the IBM Office System 6 is to assist the user in building files of the correct format from existing or new application programs.

Flyer, 8 1/2 x 11 inches, 4 pages, 3/80
 ////5785-EBH/WT-ONLY

GB11-5480

DOS/VSE COBOL CONVERSION AID FROM ICL COBOL, IFF 5785-EBJ, NOTICE

Conversion to IBM DOS/VSE COBOL from ICL COBOL can be a time-consuming process. Although much of the work involved may be repetitious and predictable, a detailed knowledge of both systems is still sometimes required. The IBM DOS/VSE COBOL Conversion Aid from ICL COBOL seeks to increase the degree of automation in such conversions, and attempts to identify areas where more detailed consideration may be necessary.

Flyer, 8 1/2 x 11 inches, 4 pages, 2/81
 ////5785-EBJ/WT-ONLY

SB11-5481

IBM DOS/VSE COBOL CONVERSION AID FROM ICL COBOL, IFF 5785-EBJ, DESCRIPTION/OPERATIONS

IBM DOS/VSE COBOL Conversion Aid from ICL* COBOL. This Program Description and Operations Manual (PDOM) is intended

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to assist the user to install and operate the IBM DOS/VSE COBOL Conversion Aid from ICL COBOL, 5785-EBJ.

It has been written for use by systems programmers who will install the Aid, and programmers or programmer/analysts who will code the parameters necessary to describe their specific conversion requirements and will then run the Aid. * Trademark of International Computers Ltd. Manual, 8 1/2 x 11 inches, 86 pages, 2/81
 ////5785-EBJ/WT-ONLY

GB11-5500

HIGH-SPEED SEQUENTIAL RETRIEVAL CHAINED ANTICIPATORY BUFFERING, IFF 5787-LAC, NOTICE

High Speed Sequential Retrieval (HSSR) enables the user to substantially reduce the processor time and the elapsed time required for sequential retrieval and unloading of large physical IMS data bases, and may be regarded as a high speed sequential retrieval option for IMS data bases.

HSSR provides a compatible subset of DL/I calls. The HSSR processor time depends on the data base environment; the HSSR processor time is often in the range of 20%-25% of the IMS processor time.

In a multiprogramming environment, the whole job mix will benefit from HSSR since more resources remain available to process the other jobs.

Flyer, 8 1/2 x 11 inches, 8 pages, 12/80
 ////5787-LAC/WT-ONLY

SB11-5501

HIGH-SPEED SEQUENTIAL RETRIEVAL, IFF 5787-LAC, DESCRIPTION/OPERATIONS

This Program Description and Operations Manual contains a general introduction to HSSR and to HSSR Buffer Handler Services.

This System Overview describes functional descriptions, supported functions, restrictions, and system requirements, refers to installation and maintenance, describes the debugging tools provided, describes special facilities available to system programmers, and describes performance measurements made at the Swiss Bank Corporation.

In this manual, the High-Speed Sequential Retrieval Version 2.1 Program Logic Manual, LE11-5502 is referred to as the HSSR PLM.

Manual, 8 1/2 x 11 inches, 154 pages, 2/81
 ////5787-LAC/WT-ONLY

LB11-5502

HIGH-SPEED SEQUENTIAL RETRIEVAL, IFF 5787-LAC, LOGIC

This Program Logic manual contains an introduction to the most important functions of High-Speed Sequential Retrieval Version 2.1 (HSSR). It describes the logic flow and gives an overview of HSSR functions, describes the HSSR control blocks, and gives a detailed description of HSSR functions and methods of operation. It also summarizes the IMS dependencies of HSSR and briefly describes HSSR coding conventions.

The reader should be familiar with the High-Speed Sequential Retrieval Version 2.1 Program Description and Operations Manual, SB11-5501, the User's Guide to the High-Speed Sequential Retrieval Version 2.1 Buffering Services, SB11-5558, and with the IBM Information Management System (IMS).

Manual, 8 1/2 x 11 inches, 70 pages, 2/81
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5514

COBOL AND PL/I CONVERSION AID, IFF 5785-EBG, NOTICE

The conversion of ANS COBOL and PL/I Optimizer programs from DOS/VS to MVS requires a detailed knowledge of the differences between their DOS/VS and OS/VS implementations and in particular the MVS variations. In addition, the MVS user should take advantage of device independence, which involves the rearranging of certain parameters between the program and the Data Definition (DD) statements in the Job Control Language (JCL). The same process must be repeated for all such programs in the installation.

The COBOL and PL/I Conversion Aid is designed to assist with these problems by processing valid DOS/VS ANS COBOL or PL/I Optimizer source programs and producing an MVS version, with the DOS/VS statements converted to their MVS equivalents, as far as possible. Statements having no function in MVS are deleted, and those which prevent use of MVS spooling are flagged. Reserved words in OS/VS COBOL have their last character altered and a warning message is produced. The ENVIRONMENT clause in PL/I is deleted.

Flyer, 8 1/2 x 11 inches, 4 pages, 10/80
 ////5785-EBG/WT-ONLY

SB11-5515

COBOL AND PL/I CONVERSION AID, IFF 5785-EB6 DESCRIPTION/OPERATIONS

The COBOL and PL/I Conversion Aid is designed to process valid DOS/VS ANS COBOL or PL/I Optimizer source programs and produce an MVS version, with the DOS/VS statements converted to their MVS equivalents, as far as possible. Statements having no function in MVS are deleted, and those which prevent use of MVS spooling are flagged. Reserved words in OS/VS COBOL have their last character altered and a warning message is produced. The ENVIRONMENT clause in PL/I is deleted.

A listing of the new source program is produced, showing the action taken by the conversion aid and any further

SB11

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action to be taken by the user. The other output file contains the converted source programs.
Manual, 8 1/2 x 11 inches, 68 pages, 12/80
////5785-EBG/WT-ONLY

////5798-AXC,5798-AZN,5798-AXR

GB11-5518

ASSEMBLER MACRO CONVERSION AID, IFF 5785-EBE, NOTICE
The Assembler Macro Conversion Aid (Program Number 5785-EBE) is an International Field Program designed to assist in converting application programs written in DOS/VS Assembler language from a DOS/VS or DOS/VSE to an MVS environment.
The Aid consists of a preprocessor program and converter program. There are two versions of each, one to run under DOS/VS and DOS/VSE and one for MVS and CMS. If the converter is to be run under MVS, or under a DOS/VS system without POWER/VS, the preprocessor can be used to prepare the input file to the converter. The user is therefore assumed to have a working knowledge of DOS/VS and an appreciation of MVS (batch or TSO/SPF) or CMS, sufficient to be able to run jobs in whichever environment will be used to make the conversion. Where ever DOS/VS is referenced read also DOS/VSE unless otherwise stated.
Flyer, 8 1/2 x 11 inches, 6 pages, 10/80
////5785-EBE/WT-ONLY

SB21-1211

ONLINE PREPARATION OF VIDEO/370 FORMATS, FDP 5798-BAC, DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of On-line Preparation of VIDEO/370 Formats FDP. Written in RPG II, this FDP consists of three formats for VIDEO/370 and a set of Assembler language macros that expand into VIDEO/370 format definition statements. The FDP eliminates the use of coding sheets for preparation of formats by allowing creation of formats from a picture of a proposed screen layout. The FDP provides a fill-in-the-blanks approach so that no keywords have to be coded.

Three basic screen formats are used during the definition of a new document. The first describes the document name and exit routines. The second is used for entering information about the fields. The third type is used to describe how the fields should be extracted. The input that is keyed on the 3270 is, in most cases, a single character as opposed to a keyword if a coding sheet is used.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 46 pages
////5798-BAC

SB11-5519

ASSEMBLER MACRO CONVERSION AID, IFF 5785-EBE DESCRIPTION/OPERATIONS

The Assembler Macro Conversion Aid (Program Number 5785-EBE) is an International Field Program designed to assist in converting application programs written in DOS/VS Assembler language from a DOS/VS or DOS/VSE to an MVS environment.
The Aid consists of a preprocessor program and converter program. There are two versions of each, one to run under DOS/VS and DOS/VSE and one for MVS and CMS. If the converter is to be run under MVS, or under a DOS/VS system without POWER/VS, the preprocessor can be used to prepare the input file to the converter. The user is therefore assumed to have a working knowledge of DOS/VS and an appreciation of MVS (batch or TSO/SPF) or CMS, sufficient to be able to run jobs in whichever environment will be used to make the conversion. Where ever DOS/VS is referenced read also DOS/VSE unless otherwise stated.
Manual, 8 1/2 x 11 inches, 68 pages, 10/80
////5785-EBE/WT-ONLY

LB21-1212

ONLINE PREPARATION OF VIDEO/370 FORMATS, FDP 5798-BAC, SYSTEMS GUIDE

This document describes the steps necessary to modify the On-Line Preparation of VIDEO/370 Formats FDP. Written in RPG II, this FDP consists of three formats for VIDEO/370 and a set of Assembler language macros that expand into VIDEO/370 format definition statements. The FDP eliminates the use of coding sheets for preparation of formats by allowing creation of formats from a picture of a proposed screen layout. The FDP provides a fill-in-the-blanks approach so that no keywords have to be coded.

Three basic screen formats are used during the definition of a new document. The first describes the document name and exit routines. The second is used for entering information about the fields. The third type is used to describe how the fields should be extracted. The input that is keyed on the 3270 is, in most cases, a single character as opposed to a keyword if a coding sheet is used.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
Systems Guide, 12 pages
SISS - IBM INTERNAL SUBSCRIPTION ONLY

SB11-5558

USER'S GUIDE TO THE HIGH-SPEED SEQUENTIAL RETRIEVAL BUFFERING SERVICES, IFF 5787-LAC

This manual describes in detail the buffering services available with High-Speed Sequential Retrieval Version 2.1 (HSSR).

Users have two options. The first is to use the default buffering specifications of HSSR and achieve high performance improvements over DL/I. In this case, this manual is not needed.

The reader should be familiar with IMS/VS and the High-Speed Sequential Retrieval Version 2.1 Program Description and Operations Manual, SB11-5501, referred to in this manual as the HSSR PDOM.
Manual, 8 1/2 x 11 inches, 58 pages, 2/81
////5787-LAC/WT-ONLY

SB21-1362

DOS/VS SORT FOR 1400 FILES, FDP 5798-BDH, DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the DOS/VS Sort for 1400 Files.

This Field Developed Program operates with the DOS/VS Sort programs (5746-SM1) intended to reduce sort (5743-SM1) times within most 1400 emulator installations currently using Sort 5 or 6 under 1400 emulation.

This program provides most of the functions contained in the 1400 Sort programs through an assembler macro which will generate a program interface to the DOS Sort programs. The user may continue to use his 1400/1311 sort control cards and his 1400 files.

The input and output file format is independently specified to that conversion from one format to another is also possible. The supported file formats include CS or spanned tape, emulator format disk (2319, 330, 3340,) or sequential 370 disk and tape.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 25 pages
////5798-BDH

SB21-0801

SYSTEM/360/370 CPU CONSOLE AS CICS MASTER TERMINAL: FDP 5798-ANK DESCRIPTION/OPERATIONS

This document describes the capabilities of the FDP and the programs of the CPU Console as System/360, 370 CICS Master Terminal. Written in Bal for the System/360, 370, this system running under CICS DOS Entry, DOS Standard and OS Standard, Version 2, allows the user to utilize the CPU console as a master terminal. CICS transactions can be requested from the console, and CICS error messages can be routed to the console. The program requires no modification to CICS and allows normal operating system use of the console.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 31 pages
////5798-ANK

LB21-1363

DOS/VS SORT FOR 1400 FILES, FDP 5798-BDH, SYSTEMS GUIDE

This document describes the steps necessary to modify the DOS/VS Sort for 1400 Files.

This Field Developed Program operates with the DOS/VS Sort programs (5746-SM1) intended to reduce sort (5743-SM1) times within most 1400 emulator installations currently using Sort 5 or 6 under 1400 emulation.

This program provides most of the functions contained in the 1400 Sort programs through an assembler macro which will generate a program interface to the DOS Sort programs. The user may continue to use his 1400/1311 sort control cards and his 1400 files. The input and output file format is independently specified so that conversion from one format to another is also possible. The supported file formats include CS or spanned tape, emulator format disk (2319, 3330, 3340) or sequential 370 disk and tape.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
Systems guide, 25 pages
SISS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1035

CICS/3270 SIMULATOR (5798-AXC), CICS DYNAMIC MAP (5798-AXR), AND CICS PERFORMANCE ANALYZER (5798-AZN): 3 FDP'S NOTICE

This document describes the purpose and highlights of the CICS Dynamic Map. This FDP is written in Assembler.

Operating as a task in a variety of modes within a CICS/STANDARD partition, this program can selectively display a myriad of system tuning statistics. These include parameters describing the partition composition, fragmentation and its effects, storage utilization for task and system, dynamic task activity, and the effects of program residence on storage and system performance. Other features optionally available are time-initiation, logging, core dumping, and an output writer facility.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
Availability Notice, 5 pages

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GB21-1376

CMS SORT FOR VM/370, FDP 5798-BDW, NOTICE
 This FDP provides several sort programs and subroutines which run under the CMS component of VM/370. They may be invoked from a COBOL, PL/I, FORTRAN, or Assembler program, or as a CMS command. Compared with the SORT component of CMS, these programs offer a compatible replacement for the CMS sort command with improved function and performance. The new "extension feature" (Specify 9564, 9565) offers functional and performance improvements which include:

- Support for Extended Files in BSEPP Release 6 (over 65533 records)
- Support for Standard Files (up to 65533 records)
- Faster variable length record sorting
- Specification of up to 16 sort fields

Flyer, 8 1/2 x 11 inches, 6 pages, 8/80
 ///5798-BDW

SB21-1377

CMS SORT FOR VM/370 FDP 5798-BDW DESCRIPTION/OPERATIONS
 This document describes the capabilities of the FDP and the program of the CMS Sort for VM/370. It is written in Assembler.

This FDP provides several sort programs and subroutines which run under the CMS component of VM/370. They may be invoked from a COBOL, PL/I, FORTRAN, or BAL program, or as a CMS command. Compared with the SORT component of CMS, these programs offer a compatible replacement for the CMS sort command with improved function and performance.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
 Manual, 28 pages
 ///5798-BDW

LB21-1378

CMS SORT FOR VM/370 FDP 5798-BDW SYSTEMS GUIDE
 This document describes the steps necessary to modify the CMS Sort for VM/370.

- o Changes to VM/370 publications. o Modules added, deleted, or modified for the current release and program level change.
- o Ordering and distribution procedures for the current release and program level change.

A List of VM/370 Restrictions.
 Systems Guide, 20 pages
 SIBS - IBM INTERNAL SUBSCRIPTION ONLY

SB21-1777

3741 SORT PROGRAM, FDP 5798-CHB, DESCRIPTION/OPERATIONS
 This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
 For further information see BOIS abstract for GB21-1776.
 Manual, 15 pages
 ///5798-CHB

LB21-1778

3741 SORT PROGRAM, FDP 5798-CHB, SYSTEMS GUIDE
 This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
 For further information see BOIS abstract for GB21-1776.
 Systems Guide, 14 pages
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-1862

CICS/VS PERFORMANCE ANALYZER II - FDP 5798-CFP, NOTICE
 This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This new Field Developed Program is an improved version of the CICS Performance Analyzer FDP (5798-AZN). It is being offered with extended support and continuing license payments.

The program gathers statistics about user transactions and runs under the control of CICS/VS to assist in system performance analysis and resource utilization. Information gathered includes CPU execution time, total transaction time, largest amount of storage used and the number of entries to file control access methods. Enhancements to the original version include terminal message-size monitoring, DL/I activity monitoring, summary information by terminal operator ID, increased number of user counters and accumulators, and usability enhancements to the problem determination analysis model. Enhanced data reduction and display capabilities include graphic display of CPU utilization, task rates, and EXCP rates.
 Availability Notice, 4 pages, 12/75
 ///5798-CFP

GB21-1900

DOS/VS LOADER, FDP 5798-CKG, NOTICE
 This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The DOS/VS Loader Field Developed Program, written in Assembler, provides link edit type capabilities in a compile (or assemble), load and go environment. Due to its performance characteristics, it can have a significant effect on total throughput where the compile-load-go type jobs are frequently executed.

The Loader program combines the basic editing and loading functions of the linkage editor and program fetch in one job step. Therefore, the function performed by the loader program is equivalent to the link edit and execute function.

The Loader program will load the basic input from either SYLNK or SYSIPT. INCLUDE statements will be resolved from the relocatable library. Unresolved external references will also be resolved from the relocatable library unless NOAUTO has been specified.

The Loader program does not produce load modules for program libraries such as the core image library.

The program runs on any model System/370 under DOS/VS.
 Availability notice, 4 pages, 6/76
 ///5798-CKG

SB21-1901

DOS/VS LOADER, FDP 5798-CKG, DESCRIPTION/OPERATIONS
 This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
 For information about this program, see BOIS abstract for GB21-1900 (5798-CKG).
 Manual, 30 pages, 6/76
 ///5798-CKG

SB21-2374

TSO/JES2 BATCH DISPLAY FACILITY, FDP 5798-CYE, DESCRIPTION/OPERATIONS
 This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
 For information regarding this form, see abstract for GB21-2373.
 Manual, 8 1/2 x 11 inches, 27 pages, 12/78
 ///5798-CYE

GB21-2375

AUTOMATIC TCAM NETWORK DEFINITION, FDP 5798-CYH, NOTICE
 This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in assembler, will allow a user of either a TCAM/NCP or TCAM/PEP network to define the network resources in one place, i.e., the NCP or PEP source. That information will then be automatically propagated to the TCAM source, eliminating the need for duplication of effort in coding the network definitions into both control programs (host and controller).

Any change required in TCAM as a result of alterations to the network will come about as a by-product of the NCP or PEP source modification. If the network is accessed through more than one communication controller (local or remote), the TCAM network definition will be generated from all NCP or PEP sources in unison. If the Multiple System Networking Facility is being used, a network resource defined in one NCP source can be included in the TCAM network definitions for any hosts that are specified.

This FDP may be used with the following IBM program offerings:

- TCAM Level 10
- ACF/TCAM Version 1 and Version 2, Release 1 (Base and Networking Feature)
- EP/VS - Version 3
- NCP/VS - OS/VS Version 5
- ACF/NCP/VS - OS/VS Release 1

Flyer, 8 1/2 x 11 inches, 4 pages, 8/79
 ///5798-CYH

SB21-2376

AUTOMATIC TCAM NETWORK DEFINITION, FDP 5798-CYH DESCRIPTION/OPERATIONS
 For information regarding this form, see abstract for GB21-2375.
 This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
 Manual, 8 1/2 x 11 inches, 272 pages, 8/79
 ///5798-CYH

GB21-2391

CAPACITY PLANNING EXTENDED, FDP 5798-CYH, NOTICE
 This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Capacity Planning Extended (CPX) is a capacity planning and analysis aid which executes under the system for Generalized Performance Analysis Reporting (GPARR), Release 2. CPX reports, measurements and computational facilities are designed for use by Data Processing management and their staffs to assist with both planning and analysis activities

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in either OS/VS1 or OS/VS2 installations.

CPX is compatible with USAGE (Understanding Your System and Application Growth Environment), and automates many of the calculations associated with capacity planning technique. The use of CPX, however, extends capacity planning and analysis beyond USAGE, which concentrates on measurements of CPU utilization.

CPX extracts SMF (System Management Facilities) and RMF (Resource Measurement Facility) measurements, then summarizes and stores them on a history file. This extensive set of measurements falls into 6 generic categories:

- USAGE study measurements
- CPU measurements
- Input/output measurements
- Paging activity measurements
- Batch workload measurements
- TSO activity measurements

Users can request reports that quantify these measurements over selected historical time periods and project growth of resource utilizations to future planning milestones.

CPX is a member of the GPAR family of performance and capacity planning products that includes GTFPARS (5798-CQQ), VTAMPARS (5798-CTW), IMSPARS (5798-CPQ), IMSASAP II (5798-CHJ), and the recently announced NETPARS (5798-C2X).
Flyer, 8 1/2 x 11 inches, 4 pages, 12/79
////5798-CYW

SB21-2392

CAPACITY PLANNING EXTENDED, FDP 5798-CYW, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program product see abstract for GB21-2391 (5798-CYW)
Manual, 8 1/2 x 11 inches, 286 pages, 12/79
////5798-CYW

GB21-2393

VIRTUAL SEQUENTIAL ACCESS METHOD (VSAM) OPERATIONS UTILITY, FDP 5798-CYR, AVAILABILITY NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, helps manage the utilization, relocation, and reorganization of VSAM files, data spaces, and catalogs. The utility retrieves information contained in the VSAM catalogs and produces VSAM Access Method Services (IDCAMS) jobstreams to back-up or reorganize the requested object (Cluster, Space, User Catalog, Master Catalog). A powerful set of run time options allow the operations or systems programming staff a wide range of flexibility in manipulating VSAM objects. These options include the ability to have the program adjust the new file size based on actual space requirements and substitute new volume and extent information in the new definitions and REPRO jobstreams. Individual files or extents of files may also be moved from one data space to another.
Flyer, 8 1/2 x 11 inches, 4 pages, 7/79
////5798-CYR

SB21-2394

VIRTUAL SEQUENTIAL ACCESS METHOD (VSAM) OPERATIONS UTILITY, FDP 5798-CYR, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information concerning this program, see abstract for GB21-2393.
Manual, 8 1/2 x 11 inches, 54 pages, 7/79
////5798-CYR

GB21-2408

ETSS II, FDP 5798-CYY, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, consists of a series of programs and functions designed to aid the ETSS/II user in job stream creation, use of access method services, creation of DL/I data base definitions, and other related functions.
Flyer, 8 1/2 x 11 inches, 4 pages, 8/79
////5798-CYY

SB21-2409

ETSS II, FDP 5798-CYY, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information regarding this program, see abstract for GB21-2408.
Manual, 8 1/2 x 11 inches, 32 pages, 8/79
////5798-CYY

GB21-2411

ETSS-II BATCH LIBRARY INTERFACE TO POWER/VS, FDP 5798-CYZ, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, will allow members in the ETSS-II library file to be inserted logically in normal DOS/VS batch job streams. ETSS-II library members may be logically inserted into batch job streams in a manner similar to the existing SII (Source Library Inclusion) facility of POWER/VS.

The ETSS-II user with this product may now make the ETSS-II library file the focal point of his entire DOS/VS installation.

The user may include ETSS-II library file members into a standard DOS/VS batch job stream simply by specifying the name of the member on a standard POWER/VS SII control card.
Flyer, 8 1/2 x 11 inches, 4 pages, 12/78
////5798-CYZ

GB21-2423

SYSTEM/3 TO SYSTEM/370 NUMERIC FIELD EDIT AND REPLACEMENT, FDP 5798-CZD, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, was designed to assist System/3 users in editing and correcting data files when moving to a DOS/VS or DOS/VSE system. However, this FDP can be used in other environments where the user wishes to check the validity of numeric fields. The program will print errors along with the corrective action taken. The corrective action to be taken is specified by the user by field. A corrected output file may be written at the user's option.

Flyer, 8 1/2 x 11 inches, 4 pages, 6/79
////5798-CZD

SB21-2424

SYSTEM/3 TO SYSTEM/370 NUMERIC FIELD EDIT AND REPLACEMENT, FDP 5798-CZD, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information regarding this program see abstract for GB21 Manual, 8 1/2 x 11 inches, 62 pages, 6/69
////5798-CZD

GB21-2478

NETWORK PERFORMANCE ANALYZER - HOST, FDP 5798-CZR, NETWORK PERFORMANCE ANALYZER - CONTROLLER, FDP 5798-CZT, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Written in ALC, the Network Performance Analyzer (NPA) collects communications network operating data for analysis.

NPA data may be helpful in highlighting the causes of performance degradation, such as excessive traffic at certain periods, or insufficient line capacity. It may also aid in isolating performance problems induced by high line or cluster error rates caused by temporary errors, or wide fluctuations in message rates.

With NPA data, networks may be tuned for greater efficiency, and potentially improved response times. Elements such as polling rates, network parameters, and line loading, may be modified and performance improved. Tuning may also free up capacity.

NPA information may also be helpful in capacity planning. Information such as 3705 utilization, message flow rates, and line usage rates, may help determine how much unused capacity exists for network growth.

The data may be displayed online as collected, or reviewed later at a terminal. Data of particular interest may be monitored on or offline for exceptions to user defined limits. The capability of displaying realtime information may be especially valuable during periods of poor performance. The data gathered is also available for formatting into reports for study, and comparison with previous periods. This allows modification of systems parameters, and observance of subsequent results.

NPA consists of a host application program and one or more modified NCP programs. It runs under VS1 or MVS, with VTAM and/or TCAM. NPA can coexist with subsystems such as CICS, IMS, or TSO, but operates independently of them.
Flyer, 8 1/2 x 11 inches, 4 pages, 6/79
////5798-CZR, 5798-CZT

SB21-2479

NETWORK PERFORMANCE ANALYZER - HOST, FDP 5798-CZR, NETWORK PERFORMANCE ANALYZER - CONTROLLER, FDP 5798-CZT, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For further information about this publication, see abstract for GB21-2478.

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Manual, 8 1/2 x 11 inches, 139 pages, 6/79
 ///5798-CZR,5798-CZT

SB21

quality of dependent report programs. DOS/GPAR provides a common user interface to the execution of varying report programs, and enables a user to obtain time-event graphs and distributions from sequential data log records with minimal programming.
 Flyer, 8 1/2 x 11 inches, 6 pages, 7/80
 ///5798-DAA

GB21-2481

INSTALLATION MANAGEMENT DOCUMENTATION AID, FDP 5798-CZW, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in ALC, is an installation planning and operations management tool, particularly useful in a large complex DP environment. Its functions include creation and maintenance of the following:

- Computer room layouts (Note: If a 3800 is available, these are drawn to the same scale as IBM provided equipment templates)
- CPU to channel to control unit cable diagrams
- Subsystem cabling diagrams (DASD, TAPE, 2914)

The program uses a "model file" containing physical equipment characteristics and a "detail data file" containing user dependent equipment data (such as address, serial number, location coordinates, etc.) to create these diagrams and drawings. Changes can be made easily and updated drawings produced quickly to facilitate operational decision making, installation planning, and problem resolution.

This FDP is parameter driven and may be executed under ISO or in batch.

Flyer, 8 1/2 x 11 inches, 4 pages, 6/79
 ///5798-CZW

SB21-2492

DOS/VS SYSTEM FOR GENERALIZED PERFORMANCE ANALYSIS REPORTING (DOS/GPAR), FDP 5798-LAA, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-2491.

Manual, 8 1/2 x 11 inches, 127 pages, 7/80
 ///5798-DAA

GB21-2494

CUSTOMER INFORMATION CONTROL SYSTEM PERFORMANCE ANALYSIS REPORTING SYSTEM (CICSPARS), FDP 5798-DAE, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP is written in Assembler. It is a new performance reporting and capacity planning aid which gives users information about their CICS/VS systems. The functions which are available include storage analysis, data gathering and reporting capability and a CICS/VS Monitoring Facility (CMF) data reporting capability.

The storage analysis function provides the user with information gathered on-line and reported with on-line displays or batch reports. These reports range from general management level reports to detailed system information. These reports give information regarding real and virtual storage utilization and page fault activity. The CMF data post-processing capability takes performance data captured by CICS/VS V1 R5 and provides the user with a detail list, summary and final totals reports and up to 19 different graphs. Additionally, a detail list report is provided for CMF's exception and accounting data.

The batch reporting function of CICSPARS requires the System for Generalized Performance Analysis and Reporting (GPAR) FDP, 5798-CPR for OS/VS and 5798-LAA for EOS/VS, a productivity aid which provides facilities designed to reduce the cost and effort of complex report program development.

Flyer, 8 1/2 x 11 inches, 6 pages, 7/80
 ///5798-DAB

SB21-2495

CUSTOMER INFORMATION CONTROL SYSTEM PERFORMANCE ANALYSIS REPORTING SYSTEM (CICSPARS), FDP 5798-DAE, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about the program see abstract for GB21-2494.

Manual, 8 1/2 x 11 inches, 158 pages, 7/80
 ///5798-DAB

GB21-2496

FORMAT/3800 II, FDP 5798-DAC, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, is a productivity aid for producing "pre-printed" or "formatted" forms for use on an IBM 3800 Printing Subsystem. FORMAT/3800 II includes the same functions as FORMAT/3800, 5798-CPN, and provides the user with a quick and simple method of preparing "formatted" forms using the FORMAT character set.

In addition, it generates online or offline syntax and allows "free-text" input in either character or hexadecimal form. As options, it has the ability to optimize generated COPYMOD statements for any line where there is no user data and to optimize "free-text" input if the free text data contains blanks. Also optionally, it produces COPYMOD statements with syntax as required for the IBM 3800 OFFLINE utility and an OPTION CVERRUN card for any specified lines per inch or the option not to produce an OPTION card.

A sample may be printed on either an IBM 3800 Printing Subsystem or an impact printer.

Flyer, 8 1/2 x 11 inches, 4 pages, 6/79
 ///5798-DAC

SB21-2497

FORMAT/3800 II, FDP 5798-DAC, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For further information regarding this program, see abstract for GE21-2496.

Manual, 8 1/2 x 11 inches, 26 pages, 6/79
 ///5798-DAC

SB21-2482

INSTALLATION MANAGEMENT DOCUMENTATION AID, FDP 5798-CZW DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For further information concerning this program, see abstract for GB21-2481.

Manual, 8 1/2 x 11 inches, 66 pages, 6/79
 ///5798-CZW

GB21-2487

NETWORK PERFORMANCE ANALYSIS AND REPORTING SYSTEM (NETPARS), FDP 5798-CZX, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP is written in ALC. NETPARS is a productivity aid which will assist the system programmer to diagnose and investigate the NCP SDLC/BSC network operation, design, and usage. NETPARS uses the Network Performance Analyzer (NPA), FDP 5798-CZR log tape and executes under Generalized Performance Analysis Reporting System (GPAR), FDP 5798-CPR.

NETPARS reads the chronological data collected by NPA to produce reports to assist in analysis for network capacity planning, resource optimization and problem management; in helping to tune VTAM, TCAM, NCP; comparison can be made between installation defined criteria and actual operation on a timely basis.

NETPARS provides the following reports:

- Network Capacity Planning Report
- Summary Report
- Detail Trace Report

Flyer, 8 1/2 x 11 inches, 4 pages, 12/79
 ///5798-CZX

SB21-2488

NETWORK PERFORMANCE ANALYSIS AND REPORTING SYSTEM (NETPARS), FDP 5798-CZX, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2487.

Manual, 8 1/2 x 11 inches, 154 pages, 12/79
 ///5798-CZX

GB21-2491

DOS/VS SYSTEM FOR GENERALIZED PERFORMANCE ANALYSIS REPORTING (DOS/GPAR), FDP 5798-DAA, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP is written in Assembler. The DOS/VS System for Generalized Performance Analysis Reporting (DOS/GPAR) is a productivity aid for the development of performance evaluation, capacity planning, tuning and general purpose data reduction and analysis programs.

This FDP is designed for presenting data from performance data logs or other sequential files, and is the base for CICSPARS (FDP Program 5798-DAB).

It is similar to the GPAR base product (FDP 5798-CPR) previously released for OS/VS environments. DOS/GPAR provides facilities designed to reduce the cost and effort of complex report program development, while increasing the

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GB21-2498

CROSS DOMAIN NETWORK DATA TRANSFER, FDP 5798-DAE, NOTICE
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, is designed to simplify the transfer of problem determination data between nodes in the network. In a communications network consisting of multiple CPUs at different geographic locations, problem determination expertise often exists at a single node in the network. In order to properly diagnose network problems and monitor the status of network components, the problem determination node needs access to traces, abend dumps, error logs and other listings which document network problems but may exist only at the node where the problem occurred.

A copy of the program is required both at the sending and receiving location.

Flyer, 8 1/2 x 11 inches, 12/79
////5798-DAE

SB21-2499

CROSS DOMAIN NETWORK DATA TRANSFER, FDP 5798-DAE, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information regarding this program see abstract for GB21-2498.

Manual, 8 1/2 x 11 inches, 37 pages, 12/79
////5798-DAE

SB21-2500

SYSTEM FOR GENERALIZED PERFORMANCE ANALYSIS REPORTING (GPAR), FDP 5798-CPR; DOS/VS SYSTEM FOR GENERALIZED PERFORMANCE ANALYSIS REPORTING (DOS/GPAR), FDP 5798-DAE; PROGRAMMER'S GUIDE

This manual describes the GPAR internal interfaces. It is tutorial and includes assembler language coding examples. It is intended for programmers who plan to write GPAR-compatible reporting subsystems.

For further information regarding this program, see abstract for GB21-2091 or abstract for GB21-2491.

Manual, 8 1/2 x 11 inches, 157 pages, 7/80
////5798-CPR,5798-DAA

GB21-2511

SYSTEM LOG DISPLAY AND SEARCH FACILITY, FDP 5798-DAL, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in ALC, is a systems management aid for controlling and analyzing the operation of an MVS/JES2 system. It can improve the productivity of operations, scheduling, control, and systems programming personnel by providing much needed operational information. In many cases, problem determination time may be significantly reduced through the use of this FDP.

Information is provided in four displays: the System Log (SYSLOG) display, which allows the user to dynamically display (SCROLL) all MVS SYSLOG Data Sets, the Display Active display, Input Queue display, and the Output Queue displays. Much of the information provided by these displays have previously been unavailable or hard to obtain. Information is displayed on IBM 3270 display stations with 24, 32, or 43 display lines. This FDP will run either as a menu option to the TSO 3270 Display Support and Structured Programming Facility (SPP/TSO) program product 5740-XT8 Version 2.1 or 2.2, or as a TSO command processor. The display formats and command syntax of this FDP are similar to that of SPP/TSO.

Flyer, 8 1/2 x 11 inches, 4 pages, 8/79
////5798-DAL

SB21-2512

SYSTEM LOG DISPLAY AND SEARCH FACILITY, FDP 5798-DAL, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information regarding this program, see abstract for GB21-2511.

Manual, 8 1/2 x 11 inches, 55 pages, 8/79
////5798-DAL

GB21-2518

VSAM AND ACCESS METHOD SERVICES FOR PROGRAMMERS, FDP 5798-DAN, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP is written in IIS Course Structuring Facility. It operates with the Interactive Instructional System (5748-XX6) and is primarily for application programmers who write programs that access VSAM data sets. The course is

designed to teach students how to create and process VSAM data sets; to define, load, print, and delete VSAM data sets; and to recognize JCI requirements for VSAM. Included are these key topics: VSAM data set and index structures and space management; Access Method Services (AMS)/VSAM catalog; AMS data set definition; DB/DC considerations; ISAM interface program; and VSE/VSAM. Optional hands-on exercises are provided for students to code basic utility functions of the access method services.

Flyer, 8 1/2 x 11 inches, 4 pages, 5/80
////5798-DAN

SB21-2519

VSAM AND ACCESS METHOD SERVICES FOR PROGRAMMERS, FDP 5798-DAN, COURSE DESCRIPTION/ADMINISTRATIVE MANUAL

For information about this program, see abstract for GB21-2518. This manual is a course description, installation and administration reference document.

Manual, 8 1/2 x 11 inches, 21 pages, 5/80
////5798-DAN

SB21-2520

VSAM AND ACCESS METHOD SERVICES FOR PROGRAMMERS, FDP 5798-DAN, STUDENT MATERIALS MANUAL

This course book contains figures and information that will be used by the student taking this course. For information about this program see Abstract for GB21-2518.

Manual, 8 1/2 x 11 inches, 44 pages, 5/80
////5798-DAN

GB21-2521

ACCOUNT NETWORK MANAGEMENT PROGRAMS, FDP 5798-DAQ (OS/VS/CICS), FDP 5798-DAT, (DOS/VS/CICS), NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in ALC, is specifically designed to automate the core elements of systems management with an integrated set of interactive application programs and batch report programs as follows:

The problem management application provides preformatted screens to ensure consistent problem reporting, assignment and resolution of system or network incidents. It has create, update, display, and browse functions, allowing multiple assignments on problems and permits extensive comments. All fields except the comments are editable and searchable. History files can be created for batch reporting.

The change management application provides preformatted screens to enable planned, coordinated change activities including: equipment installation or relocation; new application programs; EUT and engineering changes, and feature changes. It likewise, has create, update, display and browse functions and includes an approver/reviewer facility. All fields are editable and searchable. History files can be created for batch reports.

The network configuration application provides an online data base of network components and the ability to create, update and display records containing component details. Detail may include: component name, id characteristics, location, phone numbers, vendor information, etc. The configuration file supports display of the physical connectivity of components. The batch report facility provides a network map, component detail listings and change activity.

Flyer, 8 1/2 x 11 inches, 4 pages, 8/79
////5798-DAT,5798-DAQ

SB21-2522

ACCOUNT NETWORK MANAGEMENT PROGRAMS OS/VS/CICS, FDP 5798-DAQ, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For further information about this program, see abstract for GB21-2521.

Manual, 8 1/2 x 11 inches, 360 pages, 8/79
////5798-DAQ

SB21-2524

ACCOUNT NETWORK MANAGEMENT PROGRAMS DOS/VS/CICS, FDP 5798-DAT, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information regarding this program, see abstract for GB21-2521.

Manual, 8 1/2 x 11 inches, 354 pages, 8/79
////5798-DAT

SB21-2526

NETWORK ERROR MANAGEMENT FACILITY, FDP 5798-DAW, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2527.

Manual, 8 1/2 x 11 inches, 173 pages, 8/79

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////5798-DAW

GB21-2527

NETWORK ERROR MANAGEMENT FACILITY, FDP 5798-DAW, NOTICE
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in ALC, enables the user to perform problem determination of incidents on communications networks in the OS/VS and DOS/VS operating environments. The design of this FDP permits a structured approach to problem determination through a hierarchical display of error information for each of the operating modes beginning with all errors summarized by each attached resource. Successive iterations lead quickly to the failing component, whereupon the detail data of the error event and the probable cause are available.

Using DOS/VS, error data is recorded and displayed in any of three modes: NCP, EP, and local. In NCP mode, error data from devices utilizing start/stop, bi-sync or SDLC line discipline is supported. In EP mode, devices utilizing start/stop or bi-sync line control are supported. Local mode supports error records for channel attached devices.

Using OS/VS, error data is recorded and displayed in each of two modes: EP and local. In EP mode, error data from devices utilizing start/stop or bi-sync line disciplines is supported. Local mode supports error records from channel attached devices.

Flyer, 8 1/2 x 11 inches, 4 pages, 8/79
////5798-DAW

SB21-2528

NETWORK ERROR MANAGEMENT FACILITY, FDP 5798-DAW, DESCRIPTION/OPERATIONS
This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2527.

Manual, 8 1/2 x 11 inches, 252 pages, 8/79
////5798-DAW

GB21-2535

DATA RETRIEVAL/MANIPULATION UTILITY, FDP 5798-DBC, NOTICE
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, is a general purpose, control card driven, multi-phase program designed to perform a wide range of file-to-file functions, including most of the functions formerly available through the DOS Type I Utility Programs. File types supported include card (device independent), sequential disk (2311, 2314, 3330, 3340, 3350 and PBA), Diskette (3540), tape ISAM, VSAM and printer. Fixed and variable length records are supported. Maximum record length supported is 4,096 bytes.

Functions supported include verbatim copy from any of the above input file types to any of the above output file types and/or combinations of record selection and/or data reformatting. Up to 100 control totals can be maintained for audit purposes and to verify file integrity.

Flyer, 8 1/2 x 11 inches, 4 pages, 12/79
////5798-DBC

SB21-2536

DATA RETRIEVAL/MANIPULATION UTILITY, FDP 5798-DBC, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

This FDP, written in Assembler, is a general purpose, control card driven, multi-phase program designed to perform a wide range of file-to-file functions, including most of the functions formerly available through the DOS Type I Utility Programs. File types supported include card (device independent), sequential disk (2311, 2314, 3330, 3340, 3350 and PBA), Diskette (3540), tape ISAM, VSAM and printer. Fixed and variable length records are supported. Maximum record length supported is 4,096 bytes.

Functions supported include verbatim copy from any of the above input file types to any of the above output file types and/or combinations of record selection and/or data reformatting. Up to 100 control totals can be maintained for audit purposes and to verify file integrity.

Manual, 8 1/2 x 11 inches, 126 pages, 12/79
////5798-DBC

GB21-2541

3850 TRACE INTERPRETATION PACKAGE, FDP 5785-DBW, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in ALC and PL/I, is a set of programs for processing Mass Storage system Trace data to produce reports on Mass Storage System activity for status and performance analysis.

The raw Mass Storage System Trace data is the source of information for the evaluation of subsystem performance. A reformatted data set, created from the raw Mass Storage System Trace data, can be used as input to high level language programs. The package contains programs written in Assembler language and PL/I to create various reports and statistical information about Mass Storage System activity. These reports assist the system programmer in determining the reasons for subsystem problems. The reformatted data set can serve the user as a base for writing additional Mass Storage System Trace report programs of his own.

Flyer, 8 1/2 x 11 inches, 4 pages, 10/79
////5785-DBW

SB21-2542

3850 TRACE INTERPRETATION PACKAGE, FDP 5784-DBW DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information regarding this program, see abstract for GB21-2541.

Manual, 8 1/2 x 11 inches, 57 pages, 10/79
////5785-DBW

LB21-2545

3850 TRACE INTERPRETATION PACKAGE, FDP 5785-DBW, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For further information regarding this program, see abstract for GB21-2541.

Manual, 8 1/2 x 11 inches, 32 pages, 10/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SB21-2546

ACCOUNT NETWORK MANAGEMENT PROGRAMS, FDP 5798-DAT (DOS/VS/CICS), FDP 5798-DAQ (OS/VS/CICS)

This card provides definitions, uses, and abbreviations for common keywords used in the Account Network Management Programs FDPs.

For further information regarding these programs, see abstract for GB21-2521.

Card, 3 1/4 x 7 1/4 inches, 6 panels, 8/79
////5798-DAT,5798-DAQ

GB21-2547

ISAM - IMS/DB BRIDGE, FDP 5798-DEG, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, is an execution time interface between ISAM application programs and an ISM data base. It is a migration aid designed for OS/VS users, which gives ISAM based applications access to IMS data bases without the need of modifying the existing ISAM programs. This FDP is the OS/VS Batch version of an existing FDP, ISAM-DL/I Bridge, 5798-CYT.

Flyer, 8 1/2 x 11 inches, 4 pages, 12/79
////5798-DEG

SB21-2548

ISAM TO IMS/DB BRIDGE, FDP 5798-DEG, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program. #DELREC# 03287 GC11-8540 #dt# 200

For information about this program see abstract for GB21-2547.

Manual, 8 1/2 x 11 inches, 62 pages, 12/79
////5798-DEG

GB21-2549

ISAM - CICS/VS DL/I BRIDGE, FDP 5798-DBH, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, is an execution time interface between CICS-ISAM application programs and a DL/I data base. It is a migration aid designed for DOS/VS, DOS/VSE and OS/VS users, which gives ISAM based applications access to DL/I data bases without the need for modifying the existing ISAM programs. This FDP is the DOS/VS/VSE or OS/VS on-line (CICS/VS) version of an existing FDP, ISAM-DL/I BRIDGE, 5798-CYT.

Flyer, 8 1/2 x 11 inches, 12/79
////5798-DBH

SB21-2550

ISAM - CICS/VS DL/I BRIDGE, FDP 5798-DBH, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

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For information about this program see abstract for GB21-2549.
Manual, 8 1/2 x 11 inches, 112 pages, 12/79
////5798-DBH

GB21-2551

APPLICATION ENABLING FACILITY, FDP 5798-DBF, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The Application Enabling Facility operates as a CMS virtual machine under VM. It is a set of CMS EXECs (procedures) and display panels which allow the user through one interface to access techniques such as capturing documentation using SCRIPT/VS or to compile and catalog a COBOL coded transaction for CICS. These procedures and interfaces to IBM products are light pen selectable and menu driven providing productivity for the user.
Flyer, 8 1/2 x 11 inches, 11/79
////5798-DBF

SB21-2552

APPLICATION ENABLING FACILITY, FDP 5798-DBF, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information regarding this program, see abstract for GB21-2551.
Manual, 8 1/2 x 11 inches, 75 pages, 11/79
////5798-DBF

GB21-2554

CICS/VS OPERATIONS SUPPORT PACKAGE, FDP 5798-DBJ, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP is written in ALC.
The CICS/VS Operations Support Package is a set of four CICS/VS online transaction programs designed to assist operations personnel monitor CICS/VS system status information and diagnose operational problems on a realtime basis. The system status transaction, displays on a single screen, information about task class usage, dispatching queues, DL/I thread usage, transaction and paging rates, and other CICS/VS statistics and indicators which give a complete picture of current system performance. The task list transaction will display on multiple pages, if necessary, information about every transaction on a CICS/VS dispatching queue. The terminal status display will identify every terminal that is out of service or not in session with CICS/VS. The response time transaction will measure the average turnaround time of messages from CICS/VS to a terminal operator and back.
Flyer, 8 1/2 x 11 inches, 4 pages, 11/79
////5798-DBJ

SB21-2555

CICS/VS OPERATIONS SUPPORT PACKAGE, FDP 5798-DBJ, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2554.
Manual, 8 1/2 x 11 inches, 42 pages, 11/79
////5798-DBJ

GB21-2556

PF KEY SIMULATOR FOR SPF/CMS, FDP 5798-DBK, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in Assembler, will allow SPF/CMS (5748-XT3) to be used on IBM 3270 terminals that do not have at least 12 Program Function (PF) keys. In addition, terminals with less than 24 PF keys may use a combination of keys and commands to achieve the function of all 24 PF keys. This program will have the same function as PF Key Simulator for SPF-2 FDP (5798-CTF).
Flyer, 8 1/2 x 11 inches, 4 pages, 12/79
////5798-DBK

SB21-2557

PF KEY SIMULATOR FOR SPF/CMS, FDP 5798-DBK, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2556.
Manual, 8 1/2 x 11 inches, 22 pages, 12/79
////5798-DBK

GB21-2561

CICS/VS AUTOMATED EVENT CONTROL, FDP 5798-DBQ, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP is written in ALC. It assists in the automatic initiation and control of various time dependent events in an operating CICS/VS System. It may be of particular interest to those installations which operate CICS/VS in continuous mode and need to control the access to various applications and data bases on a scheduled basis. The program is table driven and allows for the scheduling of single and multiple events with appropriate data. These events may include, but are not limited to, master terminal commands, message broadcasting, user applications, etc.
Flyer, 8 1/2 x 11 inches, 4 pages, 12/80
////5798-DBQ

SB21-2562

CICS/VS AUTOMATED EVENT CONTROL, FDP 5798-DBQ, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2561.
Manual, 8 1/2 x 11 inches, 31 pages, 12/80
////5798-DBQ

GB21-2566

NETWORK ERROR MANAGEMENT FACILITY-IMS, FDP 5798-DBN, NOTICE

This FDP is written in Assembler.

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Network Error Management Facility (NEMF) enables the user to perform problem determination of incidents on communications networks containing 370X/EP of locally attached terminals. The design of NEMF permits a structured approach to problem determination through a hierarchical display of error information for each of the attached two nodes starting with all errors summarized by each attached resource. Successive iterations lead quickly to the failing component, whereupon the detail data of the error event and the probable cause are available.

NEMF records and displays error data in each of two modes - EP and local. In EP mode, error data from devices utilizing start/stop or bi-sync line disciplines is supported. Local mode supports error records from channel attached devices.

NEMF consists of IMV/VS applications programs. It runs under VS1 and MVS.
Manual, 8 1/2 x 11 inches, 4 pages, 05/80
////5798-DBN

SB21-2567

NETWORK ERROR MANAGEMENT FACILITY-IMS, FDP 5798-DBN, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2566.
Manual, 8 1/2 x 11 inches, 173 pages, 5/80
////5798-DBN

GB21-2568

ACCOUNT NETWORK MANAGEMENT PROGRAM - IMS-VS, FDP 5798-EBP, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP, written in ALC, are specifically designed to automate the core elements of system management with an integrated set of interactive application programs and batch report programs as follows:

The problem management application provides preformatted screens to ensure consistent problem reporting, assignment and resolution of system or network incidents. It has create, update, display, and browse functions, allowing multiple assignments on problems and permits extensive comments. All fields except the comments are editable and searchable. History files can be created for batch reporting.

The change management application provides preformatted screens to enable planned, coordinated change activities including: equipment installation or relocation; new application programs; Program Update Tape (PUT) and engineering changes, and feature changes. It likewise, has create, update, display and browse functions and includes an approver/reviewer facility. All fields are editable and searchable. History files can be created for batch reports.

The network configuration application provides an on-line data base of network components and the ability to create, update and display records containing component details. Detail may include: Component name, id characteristics, location, phone numbers, vendor

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information, etc. The configuration file supports display of the physical connectivity of components. The batch report facility provides a network map, component detail listings and change activity.
Flyer, 8 1/2 x 11 inches, 4 pages, 12/79
////5798-DBP

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require information concerning it.
This FDP is written in Assembler. It is designed to reduce the amount of data actually written to DASD, by compressing the data before it is written and expanding it when it is retrieved.

By using this FDP, an installation may:

- Reduce the DASD requirements for database storage
- Simplify recovery procedures
- Reduce recovery processing time
- Obtain improved performance
- Eliminate the need for application-specific compressing logic - accelerating program development and easing program maintenance

Flyer, 8 1/2 x 11 inches, 6 pages, 9/80
////5798-DCJ

SB21-2569

ACCOUNT NETWORK MANAGEMENT - IMS-VS, FDP 5798-DBP, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-2568. information, etc. The configuration file supports display of the physical connectivity of components. The batch report facility provides a network map, component detail listings and change activity.

Manual 8 1/2 x 11 inches, 428 pages, 12/79
////5798-DBP

GB21-2580

VTAM LEVEL SELECTOR, FDP 5798-DBZ, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP is written in ALC. It will allow the co-residence of multiple copies of VTAM in the same MVS system. These copies can be at the same or different release or PTF levels. Any copy can be serially activated/terminated without the re-IPL.

Flyer, 8 1/2 x 11 inches, 4 pages, 11/80
////5798-DBZ

SB21-2581

VTAM LEVEL SELECTOR, FDP 5798-DBZ, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2580.

Manual, 8 1/2 x 11 inches, 38 pages, 11/80
////5798-DBZ

GB21-2604

FILE CABINET OPTION (FCO)/VTAM, FDP 5798-DCG, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The File Cabinet Option (FCO) is a Field Developed Program for capturing designated output data sets from the MVS JES2 or JES3 Spool queue and storing or archiving them in VSAM supported online storage device (e.g. IBM 3350 DASD facility or IBM 3850 mass storage system). Data which is printed, stored on tape, or microfilmed today, can now be viewed via an IBM 3277-2 or 3278-2, 3, 4 or 5 (wide screen) display terminal and reprinted on demand. Terminal commands aid the user in viewing the data. Hard copy print-outs can be made of part or all of stored report.

The FDP functions offer the user a new online option in the handling of data currently destined for printing or microfilming. These functions may be used to increase operational efficiency associated with printing and microfilming as well as increasing data availability, end user productivity, and data security.

Flyer, 8 1/2 x 11 inches, 4 pages, 12/79
////5798-DCG

SB21-2605

FILE CABINET OPTION (FCO)/VTAM, FDP 5798-DCG, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program see abstract for GB21-2604.

Manual, 8 1/2 x 11 inches, 240 pages, 12/79
////5798-DCG

LB21-2606

FILE CABINET OPTION (FCO)/VTAM, FDP 5798-DCG, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program see abstract for GB21-2604.

Manual, 8 1/2 x 11 inches, 70 pages, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-2612

IMS-VS DATA COMPRESSION FACILITY, FDP 5798-DCJ, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who

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IMS-VS DATA COMPRESSION FACILITY, FDP 5798-DCJ, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2612.

Manual, 8 1/2 x 11 inches, 37 pages, 9/80
////5798-DCJ

GB21-2614

DATA SET MIGRATION AND PLANNING AID, FDP 5798-DCK, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP written in PL/1, provides a current "snapshot" of an installation's permanent data files to assist the customer in ensuring that these files reside on the most efficient cost/performance storage media. Using SMF data to determine size and activity and user-supplied cost/performance parameters, the program provides up to nine (9) different reports which suggest the best media and the most effective migration order for the data sets.

FLYER, 8 1/2 x 11 inches, 4 pages, 4/80
////5798-DCK

SB21-2615

DATA SET MIGRATION AND PLANNING AID, FDP 5798-DCK, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2614.

Manual, 8 1/2 x 11 inches, 82 pages, 4/80
////5798-DCK

GB21-2663

VSE/CENTRAL CONTROL FACILITY, FDP 5798-ECZ, NOTICE

This document describes the purpose and capabilities, the advantages of design, and the problems solved by the program referenced in the title. It contains complete ordering information for the program and a list of supporting documentation. It is intended for management and data processing personnel who are prospective users of the program.

This FDP is written in System/370 Assembler Language. It is designed to assist in the installation and management of distributed data processing (DDP) systems. The objectives of this FDP are to help reduce skill levels required to install, operate and maintain IBM processors in DDP environments, and to provide centralized DDP management functions to assist in increasing productive use of remote systems.

The FDP is a service system containing a Central Repository where information of hardware, software and DDP network status may be stored and updated. Files and programs may be sent to or retrieved from the distributed nodes by the service system: jobs may be submitted for execution at a node or nodes. Service changes may be prepared and tested at one node and applied at other nodes under the control of the FDP.

Flyer, 8 1/2 x 11 inches, 6 pages, 12/80
////5798-ECZ

SB21-2664

VSE/CENTRAL CONTROL FACILITY, FDP 5798-ECZ, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2663

Control Facility and guide to the use of the functions. Sample sessions are included for the principal functions. Information on installation of the program is also included.
Manual, 8 1/2 x 11 inches, 107 pages, 12/80
////5798-ECZ

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SB21-2674

CMS SORT FOR VM/370 FDP 5798-BDW DESCRIPTION/OPERATIONS
This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
For information about this program see abstract for GB21-1376.
Manual, 8 1/2 x 11 inches,
////5798-BDW

LB21-2687

CMS SORT FOR VM/370 FDP 5798-BDW SYSTEMS GUIDE
This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
For information about this product see abstract for GB21-1376, (5798-BDW).
Manual, 8 1/2 x 11 inches, 22 pages, 8/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LB21-2705

FILE CABINET OPTION, FDP 5798-CPY, SYSTEMS GUIDE
This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.
For information about this program see abstract for GB21-2103
Manual, 8 1/2 x 11 inches, 84 pages, 9/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB21-2721

MVS VIRTUAL STORAGE MONITOR, FDP 5798-DEL, NOTICE
This is a marketing oriented document that describes the purpose and capabilities of the program, advantages of design, and problems solved by the program referenced in the title. It contains complete ordering information for the program and all its related documentation for management and data processing personnel who are prospective users of the program and others who require information concerning it.
This FDP is written in PLS/ASM. It records the virtual storage utilization of a system's common areas. The facility presents the data in the form of SMF (System Management Facility) records, and formatted printed reports. An installation can use the results to aid in determining the users of common storage, and to monitor common storage usage as the workload changes. The appropriate level of the Resource Management Facility (RMF) Program Product, 5740-XY4 is required.
Flyer, 8 1/2 x 11 inches, 4 pages, 12/80
////5798-DEL

SB21-2722

MVS VIRTUAL STORAGE MONITOR, FDP 5798-DEL, DESCRIPTION/OPERATIONS
This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
For information about this program, see abstract for GB21-2721.
Manual, 8 1/2 x 11 inches, 62 pages, 12/80
////5798-DEL

GB21-2727

DEVELOPMENT MANAGEMENT SYSTEM (DMS)/CICS/VS DEBUG, FDP 5798-DEC, NOTICE
This is a marketing oriented document that describes the purpose and capabilities of the program, advantages of design, and problems solved by the program referenced in the title. It contains complete ordering information for the program and all its related documentation for management and data processing personnel who are prospective users of the program and others who require information concerning it.
This FDP is written in Assembler. It is designed to operate in conjunction with the Development Management System (DMS)/CICS/VS Program Product, a powerful application development tool, to increase productivity in the testing phase of online application development. It is an online interactive debugging aid which allows the application developer to examine the data areas used by the application programs and the DMS/CICS/VS management modules, as the application executes under CICS/VS. The data areas may be viewed in either a field by field formatted display or in a standard character/hex dump format. This FDP may help to significantly reduce program test/debug time in the DMS/CICS/VS environment.
Flyer, 8 1/2 x 11 inches, 4 pages, 12/80
////5798-DEC

SB21-2728

DEVELOPMENT MANAGEMENT SYSTEM (DMS)/CICS/VS DEBUG, FDP 5798-DEC DESCRIPTION/OPERATIONS
This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
For information about this program, see abstract for GB21-2727.
Manual, 8 1/2 x 11 inches, 35 pages, 12/80
////5798-DEC

SB21-2734

VSPC CUSTOMIZED FOREGRUN FACILITY, FDP 5798-DEF, DESCRIPTION/OPERATIONS
This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
For information about this program, see abstract for GB21-2733.
Manual, 8 1/2 x 11 inches, 44 pages, 4/81
////5798-DEF

SB21-2738

IMS/VS MASTER TERMINAL OPERATOR TRAINING III, FDP 5798-DEG, STUDENT MATERIALS
This course book contains figures and information that will be used by the student taking this course.
For information about this program, see abstract for GE21-2736.
Manual, 8 1/2 x 11 inches, 143 pages, 5/81
////5798-DEG

GB21-2739

VS APL VARIABLE CONVERSION PROCESSOR, FDP 5798-DEH, NOTICE
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
This FDP is written in Assembler. It is a VS APL Auxiliary Processor designed to alter the internal structure of APL variables (vectors, scalars, arrays) to permit more efficient use of APL file I/O. Specifically, it allows a user to redefine the data type of variables without physically altering their form. This will facilitate the grouping of related variables into one data element for purposes of reading and writing to/from external files.
Flyer, 8 1/2 x 11 inches, 4 pages, 12/80
////5798-DEH

SB21-2740

VS APL VARIABLE CONVERSION PROCESSOR, FDP 5798-DEH, DESCRIPTION/OPERATIONS
This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
For information about this program, see abstract for GB21-2739.
Manual, 8 1/2 x 11 inches, 17 pages, 12/80
////5798-DEH

SB21-2747

DATA DICTIONARY UTILITIES, FDP 5798-DER, DESCRIPTION/OPERATIONS
This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
For information about this program, see abstract for GB21-2746.
Manual, 8 1/2 x 11 inches, 44 pages, 4/81
////5798-DER

GB21-2758

DATA DICTIONARY LANGUAGE PREPROCESSOR, FDP 5798-DEQ, NOTICE
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
This FDP is written in COBOL, PL/I, ASM. It is a program which actively binds source programs written in COBOL, PL/I or Assembler directly to the IBM DB/DC Dictionary Program Product, 5740-XXF. It provides the means for extracting data definitions from the Dictionary via normal COPY/INCLUDE language verbs, thus eliminating the need for intermediate "COFYLIBS". Supgprt is also provided for imbedded "STRUCTURES OUT" Dictionary statements, as well as the ability to generate DBD and FSE definitions via the "DBE OUT" and "PSB OUT" commands.
Flyer, 8 1/2 x 11 inches, 4 pages, 12/80
////5798-DEQ

SB21-2759

DATA DICTIONARY LANGUAGE PREPROCESSOR, FDP 5798-DEQ, DESCRIPTION/OPERATIONS
This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
For information about this program, see abstract for GB21-2758.
Manual, 8 1/2 x 11 inches, 68 pages, 12/80
////5798-DEQ

GB21-2763

UNIVAC COBOL TO IBM COBOL CONVERSION AID, FDP 5785-JAC, AVAILABILITY NOTICE
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.
This FDP is written in COBOL. It is a conversion aid consisting of a series of programs and procedures designed to assist in the conversion of UNIVAC 90/9000/1100 series

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COBOL programs to IBM COBOL.

Without such a conversion aid, differences between UNIVAC COBOL and IBM COBOL must be resolved manually for each individual program. The FDP is designed to minimize such intervention.

Proper execution of the converted programs must be verified on the configuration with which they are planned to be used.

Flyer, 8 1/2 x 11 inches, 4 pages, 12/80
 ////5785-JAC

SB21-2764

UNIVAC COBOL TO IBM COBOL CONVERSION AID, FDP 5785-JAC, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2763.

Manual, 8 1/2 x 11 inches, 77 pages, 12/80
 ////5785-JAC

GB21-2776

VS APL-DL/I INTERFACE, FDP 5785-FAL, NOTICE

This Availability Notice contains complete ordering information for the program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This FDP is written in Assembler. It is a generalized interface program between VS APL running under VSPC and the data base access method, DL/I. This interface is an Auxiliary Processor for VSPC and can run as a batch message program in an online IMS DB/DC System or as a DL/I batch program in an IMS DB-only System. Using this FDP, the VSAPL user may read data directly from "live" IMS data bases thus combining the data analysis power of APL with the data extraction power of DL/I.

Flyer, 8 1/2 x 11 inches, 4 pages, 12/80
 ////5785-FAL

SB21-2777

VS APL-DL/I INTERFACE, FDP 5785-FAL, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2776.

Manual, 8 1/2 x 11 inches, 32 pages, 12/80
 ////5785-FAL

GB21-2780

A DEPARTMENTAL REPORTING SYSTEM II TRAINING, FDP 5798-DFC, NOTICE

This document describes the purpose and capabilities, the advantages of design, and the problems solved by the program referenced in the title. It contains complete ordering information for the program and a list of supporting documentation. It is intended for management and data processing personnel who are prospective users of the program.

This FDP is written in IIS. It teaches users how to set up a data base and prepare and update reports using a Departmental Reporting System II. The course, which runs under the Interactive Instructional System and the Interactive Instructional Presentation System, is designed for a broad range of users, with or without data processing background. Upon completion of the course, the student should be able to prepare a simple report in a required format using a selected set of a Departmental Reporting System II command, obtain a printed copy of a report, prepare more than one report of the same format using different sets of data, and take care of "housekeeping" tasks, such as saving workspaces, storing data files, and listing out report format data.

Flyer, 8 1/2 x 11 inches, 6 pages, 12/80
 ////5798-DFC

GB21-2788

ASSEMBLER MACRO CONVERSION AID, FDP 5785-EBE, NOTICE

This document describes the purpose and capabilities, the advantages of design, and the problems solved by the program referenced in the title. It contains complete ordering information for the program and a list of supporting documentation. It is intended for management and data processing personnel who are prospective users of the program.

This FDP written in ALC, assists in converting DOS/VS Assembler Language Source programs to MVS. DOS/VS Macros are converted as far as possible to their MVS equivalents. Macros having no function in MVS are deleted, and those which prevent use of MVS spooling are flagged. DTF Macros are converted to DCBs and DD statements are created with the correct linkage between them.

Flyer, 8 1/2 x 11 inches, 4/81
 ////5785-EBE

GB21-2790

CONVERSION AID FOR BATCH JOBSTREAMS, FDP 5785-EBF, NOTICE

This document describes the purpose and capabilities, the advantages of design, and the problems solved by the program referenced in the title. It contains complete ordering information for the program and a list of supporting documentation. It is intended for management and data

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processing personnel who are prospective users of the program.

This FDP written in ALC is a series of programs that converts an installation's DOS/VSE or VSE JCL to MVS JCL. It is different from previous JCL conversion programs in that it gathers input information at DOS program execution time. This is important since the DOS JCL for a simple job may be stored in many places and is only brought together at execution time.

Flyer, 8 1/2 x 11 inches, 4/81
 ////5785-EBF

GB21-2792

COBOL AND PL/I CONVERSION AID, FDP 5785-EEG, NOTICE

This document describes the purpose and capabilities, the advantages of design, and the problems solved by the program referenced in the title. It contains complete ordering information for the program and a list of supporting documentation. It is intended for management and data processing personnel who are prospective users of the program.

This FDP written in ALC is designed to assist in the conversion of source programs from DOS to MVS. Source statements are converted to their MVS equivalents, as far as possible. Statements having no function in MVS are deleted, and those which prevent use of MVS spooling are flagged. The conversion programs can operate under DOS/VSE Release 34, DOS/VSE, MVS and VM/CMS.

Flyer, 8 1/2 x 11 inches, 4/81
 ////5785-EEG

GB21-2796

FORTRAN UTILITIES FOR VM/370, FDP 5798-DFH, AVAILABILITY NOTICE

This document describes the purpose and capabilities, the advantages of design, and the problems solved by the program referenced in the title. It contains complete ordering information for the program and a list of supporting documentation. It is intended for management and data processing personnel who are prospective users of the program.

This FDP is written in FORTRAN. It is a set of FORTRAN subroutines that provide a bridge between FORTRAN and the VM/370 system. This set of utilities includes routines to allow a FORTRAN program to execute CF/CMS system commands, open and close files, spool printer files, clear IEM 3270 type terminal screens, obtain system date and time, convert an EBCDIC file to/from ASCII and read or write data arrays on random access disk datasets with a fast data transfer and no pre-defined extents.

The library of subroutines is designed to execute with the IBM FORTRAN G1 (5734-F02), H-Extended (5734-F03) or VS FORTRAN (5748-F03) compilers and their associated libraries FORTRAN IV Library (Mod II) (5734-IM3), and VS FORTRAN Library (5748-IM3).

Flyer, 8 1/2 x 11 inches, 6 pages, 2/81
 ////5798-DFH

SB21-2797

FORTRAN UTILITIES FOR VM/370, FDP 5798-DFH, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for GB21-2796.

Manual, 8 1/2 x 11 inches, 90 pages, 2/81
 ////5798-DFH

GB21-9902

IQRP REFERENCE CARD, IUP 5796-PDG

This fanfold reference card for users of IQRP contains a complete language summary. A table of commands including English equivalent, information on formatting, functions and terminal updating are also included.

Reference card
 ////5796-PDG

GB21-9903

INTERACTIVE QUERY & REPORT PROCESSOR (IQRP), IUP 5796-PDG, GENERAL INFORMATION

This Document contains general information on IQRP which consists of nine on-line programs, of which three contain several modules, together with five additional modules which provide an efficient interface with CICS/VSE. The entire system is highly modularized to permit ease of maintenance and provide for efficient operation in Virtual Storage. In addition to the on-line programs, IQRP includes a set of utility programs to prepare the system for operation, provide a journal, gather statistics on system use, etc.

In the operation of IQRP, the user at a terminal interacts with the system by entering his identification and the report name and, optionally, the selection criteria and report format and contents. This interaction is thereupon interpreted by IQRP, and passed to one of several IQRP query processors.

System files are used to determine whether a user has the proper security clearance to access the information he has requested, as well as to translate any special terms the user has included in his interaction. Data names supplied by the user are likewise translated into field names recognized by the access methods and any further information regarding structure required to permit access to the data is also provided from the system files. The system files also supply information on predefined report formats and any modifications to the standard format which this user may have predefined.

Using the information regarding the physical nature of

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the data, the IQRP processor proceeds to search the appropriate data file for the information required on the basis of the criteria provided by the terminal user. IQRP manipulates the data, performing any sorting, totalling, or arithmetic operations required. The information is then formatted into the appropriate two-dimensional report structure and output is sent to the terminal or system printer. Should the IQRP interpreter detect a user request that is incomplete or incorrect, IQRP will return a message to the terminal indicating the nature of the problem. The user should then reinsert the corrected request.

Manual, 18 pages
 ////5796-PDG

GB21-9949

SOFTWARE DIRECTORY KEYWORD INDEX AND PROGRAM INFORMATION: SYSTEM CONTROL PROGRAMMING, PROGRAM PRODUCTS, FIELD DEVELOPED PROGRAMS, INSTALLED USER PROGRAMS, PROGRAMMING RPOs - 1981 EDITION

The "yellow brochure" lists SCP, PP, FDP, IUP and PRPQ products announced as of Feb 10, 1981. It contains sections grouping products by functional, operating or industry classifications, as well as a Keyword Index and a listing in straight PID number sequence. Each entry includes license fees, service information, and the operating system environments. Has details on use of SLSS and DAPS for automatic distribution of FDP and IUP Availability Notices, and a chart showing current distribution (BOF) numbers.

Manual, 3 1/2 x 8 1/2 inches, 275 pages, 3/81
 4952,301,3032,4950,4953,4955,3138,3148,3195,3115,3033,3155,3165,3145,3135,3158,3168,3125,8130,8140,4331,4341,3081//20//

SC19-5110

3705 SUPPORT VIA THE RETD SPANISH DATA NETWORK OF THE IBM 2970-5 AND 5935-L03 BANKING TERMINALS, AND OF THE IBM 2970-5 BANKING TERMINAL DIRECTLY ATTACHED, LIC PROG 5799-ATE, DESCRIPTION/OPERATIONS

This manual describes the operation of PRPQ Y96665 which allows an IBM 3705 Communications Controller loaded with an NCP to connect an SNA2 Host System to the IBM 2970-5 and 5935-L03 Banking Terminals through the RETD, and to the IBM 2970-5 Banking Terminal directly attached.

Manual, 8 1/2 x 11 inches, 94 pages, 5/79
 ////5799-ATE/WT-ONLY

SC19-5111

X25 PACKET SWITCHING ATTACHMENT WORKING WITHIN ACF/NCP/VS, LIC PROG 5799-BAK, PROGRAMMING RPO ZA4239, DESCRIPTION/OPERATIONS

This publication explains how to connect SNA Host Systems to different X25 Public Packet Switching Networks (PPSNs).

Manual, 8 1/2 x 11 inches, 150 pages, 11/80
 ////5799-BAK

GC19-6200

VIRTUAL MACHINE/SYSTEM PRODUCT, LIC PROG 5664-167, INTRODUCTION

This introductory publication provides high-level concepts of the virtual machine as implemented by the VM/SP program product (used in conjunction with function provided by VM/370 Release 6). This publication describes:

- The composition of the virtual machine
- Performance options available to the virtual machine
- Major functions of the control program (CP) used in controlling virtual machines
- Functions of the Conversational Monitor System (CMS), a time-sharing system used in direct problem solving, and program development

The reader of this publication should have a basic understanding of IBM data processing.

Manual, 8 1/2 x 11 inches
 //20//5664-167

SC19-6201

VIRTUAL MACHINE/SYSTEM PRODUCT, (VM/SP) LIC PROG 5664-167, PLANNING & SYSTEM GENERATION GUIDE

This publication is intended for system programmers responsible for the planning, installation, and updating of a VM/SP system. It includes information about:

- Planning for system generation
- Defining your VM/SP (CP, CMS, RSCS, and IPCS)
- Generating a 3704/3705 control program that runs under VM/SP
- Updating VM/SP

Manual, 8 1/2 x 11 inches,
 //34//5664-167

SC19-6202

VIRTUAL MACHINE/SYSTEM PRODUCT, LIC PROG 5664-167, OPERATOR'S GUIDE

This publication contains information about the IBM Virtual Machine/System Product (VM/SP) Program No. 5664-167). In addition, it provides information about the prerequisite VM/370 Release 6 SCP (Program No. 5749-010).

This publication is intended for those responsible for the operation and administration of a VM/SP system. It includes descriptions of all those commands that affect the I/O resources and operating characteristics of VM/SP, the associated virtual machines, and the real hardware configuration. Also included is information on spooling, resource allocation, system startup and shutdown procedures

and VM/SP service programs.
 Manual
 //40//5664-167

SC19-6203

VIRTUAL MACHINE/SYSTEM PRODUCT VM/SP, LIC PROG 5664-167 SYSTEM PROGRAMMER'S GUIDE

This publication, intended for VM/SP system programmers contains:

- Detailed descriptions of procedures, commands, and utility programs useful in debugging as well as guidelines for reading dumps.
- A description of CF and how it works and details of how to modify or better utilize CF.
- A description of CMS and how it works, as well as details of some special features of CMS.
- A description of the Remote Spooling Communications Subsystem (RSCS).

Manual, 8 1/2 x 11 inches,
 //36//5664-167

SC19-6204

VM/SP, LIC PROG 5664-167, SYSTEM MESSAGES AND CODES

This publication contains system messages and codes, as well as, restrictions that may be encountered when using IBM Virtual Machine/System Product (VM/SP). Conditions that generate messages and codes are explained, the resulting system action is described, and appropriate responses are suggested.

Manual, 8 1/2 x 11 inches
 //40//5664-167

SC19-6205

VM/SP, LIC PROG 5664-167, OLTSEP AND ERROR RECORDING GUIDE

This publication is intended for the IBM Customer Engineer (CE). The information in this book will aid the CE in performing hardware I/C maintenance from a virtual machine. It includes data on error handling, the error recording process, describes how to run the online test system (OLTS) under OLTSEP, and how to use the CMS CPREP command that interfaces with OS/VS EREF (IFCEREPI) and error recorded data.

PREREQUISITE PUBLICATIONS - IBM Virtual Machine Facility/System Product: Introduction, Order No. SC19-6200
 Terminal User's Guide, Order No. SC19-6206
 Manual, 8 1/2 x 11 inches
 //37//5664-167

GC19-6206

VM/SP, LIC PROG 5664-167, TERMINAL USER'S GUIDE

This publication is for the terminal user who needs information about:

- Terminal Initialization and General Procedures for all VM/SP terminals
- Gaining Access to VM/SP
- Accessing VM/SP via Common Carrier facility
- VM/SP Logon and Logoff Procedures
- Typing Conventions for Logging On
- Display Terminals and their usage including screen management
- Typewriter-like terminals and their usage
- Program Function (PF) keys-setup and usage
- APL Considerations

PREREQUISITE PUBLICATION: For a thorough understanding and for effective use of this publication, the user should read IBM Virtual Machine Facility/System Product: Introduction, Order No. SC19-6200.
 Manual, 8 1/2 x 11 inches
 //40//5664-167

GC19-6207

VM/SP, LIC PROG 5664-167, GLOSSARY AND MASTER INDEX

This publication is made available for the convenience of the VM/SP (Virtual Machine Facility/System Product) publications user.

The GLOSSARY portion comprises terms and their meaning as used in documenting the VM/SP publication in the IBM Systems Library.

The MASTER INDEX portion lists topics alphabetically and refers the user to the VM/SP publication(s) that discuss the particular topic in some detail. The same topics in the referenced publication(s) give the specific page(s) to peruse for the needed information.

Manual, 8 1/2 x 11 inches
 //20//5664-167

SC19-6209

VIRTUAL MACHINE/SYSTEM PRODUCT (VM/SP) LIC PROG 5664-167, CMS COMMAND AND MACRC REFERENCE

This publication provides users of the Conversational Monitor System (CMS) component of IBM Virtual Machine/System product with detailed reference information concerning command syntax and usage notes for:

- CMS commands
- EDIT subcommands
- DEBUG subcommands
- EXEC control statements, special variables, and built-in functions
- CMS assembler language macro instructions
- CMS functions

Manual, 8 1/2 x 11 inches,

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GC20

- //36//5664-167
- SC19-6210
VM/SP, LIC PROG 5664-167, CMS USER'S GUIDE
 This publication contains general information and examples for using the Conversation Monitor System (CMS) component of IBM Virtual Machine/System Product (VM/SP).
 It is written for applications programmers who want to learn how to use CMS to create and modify data files (including VSAM data sets) and programs, and to compile, test, and debug OS or DOS programs under CMS.
 Manual, 8 1/2 x 11 inches
 //39//5664-167
- SC19-6211
VM/SP, LIC PROG 5664-167, CP COMMAND REFERENCE FOR GENERAL USERS
 This publication is a reference manual for the class G user of CP. It describes the format, syntax and function of each command the general user can issue. The publication also provides an introductory section with examples, of the types of function the general user can perform.
 Manual, 8 1/2 x 11 inches
 //36//5664-167
- GC19-6212
VM/SP, LIC PROG 5664-167, OPERATING SYSTEMS IN A VIRTUAL MACHINE
 This manual is intended primarily for system programmers. The manual provides information about running a guest operating system under control of VM/SP. The information consists of "hint-type" suggestions for several system control programs running as virtual operating systems. The book describes planning and operating considerations for VM/SP, the virtual machine, and the guest operating system. Since many thoughts expressed in the book are from customers or IBM field personnel, certain suggestions might prove more meaningful for some installations than others.
 Manual, 8 1/2 x 11 inches
 //34//5664-167
- GC20-1618
NUMBER SYSTEMS - STUDENT TEXT
 This IBM student text on number systems presents a brief review of the principles of positional notation, as applied to the binary and hexadecimal systems of notation. The publication covers the operations of binary and hexadecimal arithmetic, decimal-binary - hexadecimal base conversion, and the principles of base and base-minus-one complementation.
 Student Text, 32 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GC20-1755
GUIDE TO S/370 MODEL 168 FOR S/370 MODEL 165 USERS
 This guide presents hardware, programming systems, and other pertinent information about the IBM System/370 Model 168 that describes its significant new features and advantages. Knowledge of the IBM System/370 Model 165 is assumed. Features common to Models 165 and 168 are indicated but not discussed in detail. The contents of the guide are intended to acquaint the reader with the Model 168 and to be of benefit in planning for its installation.
 Associated with this guide are three optional supplements that describe operating systems for the Model 168 that support a virtual storage environment. Each supplement has its own form number and must be ordered individually, if required. Optional supplements are the following:
 - o OS/Virtual Storage 1 Features Supplement, GC20-1752
 - o OS/VS2 (SVS) Features Supplement, GC20-1753
 - o Virtual Machine Facility/370 Features Supplement (GC20-1757)
 * Availability to be announced
 Manual, 118 pages
 3165,3168//01//
- GC20-1828
VM/370 BSEPP, LIC PROG 5748-XX8, GENERAL INFORMATION
 This publication contains information about the IBM Virtual Machine Facility/370 Basic System Extensions Program Product. It is intended for installation managers, system programmers, and IBM Field Engineering personnel. The information in this publication is for planning purposes only.
 Manual, 8 1/2 x 11 inches, 9/77
 ///5748-XX8
- GC20-1837
VM/370 DIRECTORY MAINTENANCE, LIC PROG 5748-XE4, SPECIFICATIONS
 The content of this publication is similar to that of the LPDO. However, the LPS reflects the delivered code and documentation. In addition, the LPS contains a licensing provisions statement. The "For Planning Purposes Only" statement is deleted from this publication. The details on all the differences between the LPDO and LPS are contained in the appropriate publication standards.
- Manual
 ///5748-XE4
- GC20-1838
VIRTUAL MACHINE FACILITY/SYSTEM PRODUCT GENERAL INFORMATION MANUAL
 The Virtual Machine/System Product General Information Manual, GC20-1838, provides information about the Virtual Machine/System Product (VM/SP) (Program No. 5664-167) as well as its prerequisite VM/370 Release 6 SCP (Program No. 5749-010). This publication provides planning information for installation managers, system programmers & IBM Field Engineering Personnel.
 Manual, 8 1/2 x 11 inches
 //20//5664-167
- SC20-1839
VM/370 DIRECTORY MAINTENANCE, LIC PROG 5748-XE4, GUIDE FOR GENERAL USERS
 The introduction in this book will provide an overview of the function and facilities of the Directory Maintenance Program Product. It will clearly delineate the function that is available to the general user from the function provided the system administrator. This publication will contain all information on the Directory Program Product pertinent to the general user; that is commands, command syntax, command description and usage information along with response and system messages. All system messages will be contained in an appendix in a format compatible to the VM/370 System Messages. In this way, the message section can be extracted from this publication and filed at the back of the VM/370 System Messages Publication for common reference. Directory Maintenance commands available to the general user represent only about 25% of the total in the product. It is expected that a large number of this guide will be made available in each installation.
 Manual
 ///5748-XE4
- SC20-1840
VM/370 DIRECTORY MAINTENANCE, LIC PROG 5748-XE4, INSTALLATION AND SYSTEM ADMINISTRATORS GUIDE
 This publication contains all the installation and functional detail on the Directory Maintenance Program Product. As this publication is to be used by the VM/370 system administrator, that is the person responsible for assigning the resources of the real system to the users of virtual machine, it contains all the commands (syntax, usage and response information) that are used by the system administrator as well as those used by the general user. The commands for the general user are included in the administrator's publication for convenience to save him the annoyance of having to look in a second book. In fact, the general user commands are only about 25% of the total, and most installations will only use one copy of this guide. In addition to command information there is planning and system installation material. All messages that can be issued by this program product are contained in an appendix. This appendix can then be detached and inserted in the back of the VM/370 System Messages for common reference.
 Manual
 ///5748-XE4
- GC20-1842
VM/SP, LIC PROG 5664-167, SPECIFICATIONS
 This publication, IBM VM/SP Licensed Program Specifications, GC20-1842, gives an overview of the Virtual Machine/System Product including its new functions. It is intended for installation managers and other personnel involved in system planning.
 Manual, 8 1/2 x 11 inches,
 //20//5664-167
- GC20-1871
SYSTEM OUTAGE ANALYSIS, AN AVAILABILITY MANAGEMENT TECHNIQUE
 System Outage Analysis is a technique designed to assist in data processing management in increasing system availability by reducing the number of outages and their impact on system availability. This manual describes the steps involved in This manual describes the steps involved in using SOA as part of an effort to improve system availability.
 Manual, 8 1/2 x 11 inches, 40 pages, 12/78
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GC20-1874
VM/SYSTEM PRODUCT SYSTEM IPO/E, LIC PROG 5748-MS1, PLANNING GUIDE (CURRENT RELEASE)
 This planning guide provides information on the VM System IPO/E to assist in evaluating its applicability for a particular installation. The guide describes the contents of the VM System IPO/E and how it can increase user productivity.
 This manual contains preliminary operating environment information, a description of the system management and system use facilities provided via full-screen dialogues, a discussion of VM/370 and VM System IPO/E system considerations, and a description of the VM System IPO/E distribution material.
 The appendices contain preliminary detailed descriptions of pack layouts and system definition files for 3310, 3330, 3340, 3350, and 3370 SYSRES users planning to install VM

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using the System IPO/E.

A corequisite for new VM/System Product users for understanding this publication is the IBM Virtual Machine/System Product Planning and System Generation Guide (SC19-6201).

Manual, 312 pages, 5/81
//34//5749,5748-MS1

The manual describes in detail the preparation of system and program flowcharts. The symbols used are those provided by the IBM Flowcharting Template (GX20-8020). A flowchart worksheet (GX20-8021) is a means of standardizing documentation. It provides space for drawing program flowcharts and contains an area for identification of the job, including application, procedure, date, and pagination.

Manual, 38 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GC20-1875

VSE SYSTEM IPO/E RELEASE 2.1 PLANNING GUIDE

This planning guide provides information on the VSE System IPO/E to assist in evaluating its applicability for a particular installation. The guide describes the contents of the VSE System IPO/E and how it can increase user productivity.

This manual contains preliminary operating environment information, a description of the system management and system use facilities provided via full-screen dialogues, a discussion of VSE System IPO/E system considerations, and a description of the VSE System IPO/E distribution material.

The appendices contain preliminary detailed descriptions of installation procedures, pack layouts, and system definition files for 3310, 3330, 3340, 3350, and 3370 SYSRES users planning to install VSE using the VSE System IPO/E.

The co-requisites for new VSE users for understanding this publication are the Introduction to the VSE System (GC33-6108) and VSE/Advanced Functions System Generation (SC33-6096).

Manual, 8 1/2 x 11 inches, 275 pages, 2/81
//34//5745-020,7799-DB1,5745-030

GC21-7514

INTRODUCTION TO RPG II AND RPG III: BATCH PROCESSING WITH PROGRAM DESCRIBED FILES

This simple introduction to the RPG programming language is intended for people with no previous knowledge of computers or programming. It explains how to produce printed reports from batch processing with program described files. It does not discuss interactive processing or externally described files.

Chapter 1 describes, in general terms, how a system operates and what you must do to run a program. Chapter 2 describes the RPG cycle and the RPG specifications you must write to do particular tasks. Chapter 3 explains an RPG programmer's job more fully by indicating the things a programmer must do from start to finish of a sample program.

Manual, 8 1/2 x 11 inches, 165 pages, 8/80
3031,3032,3138,3148,2030,2040,2044,2050,2065,2067,2075,
2091,2025,2085,3195,3115,3033,3155,3165,3145,3135,2022,
3158,3168,3125//28//

GC20-1876

VM/DOS/VSE SYSTEM IPO/EXTENDED PLANNING GUIDE

This planning guide provides information to assist in evaluating applicability of the program for a particular installation. The guide describes the contents of the System IPO/E and how it can increase user productivity.

The manual contains preliminary operating environment information, a description of the system management and system use facilities provided via full-screen dialogues, a discussion of VM/370, DOS/VSE, and System IPO/E system considerations, and a description of the System IPO/E distribution material.

Manual, 8 1/2 x 11 inches, 278 pages, 11/79
//34//5745-020,5749,7799-DB1,5745-030

GC22-7069

INPUT/OUTPUT EQUIPMENT REFERENCE INSTALLATION MANUAL - PHYSICAL PLANNING: SYSTEM/360, SYSTEM/370, 4300 PROCESSORS

This publication contains information necessary for planning the physical installation of IBM input/output equipment for the 1xxx series and 2xxx series I/O equipment with System/360, System/370, and 4300 processors. It includes floor planning information, as well as electrical, environmental, and structural requirements.

Physical planning information for the 3xxx series I/O equipment is in GC22-7064.
Manual, 8 1/2 x 11 inches, 90 pages, 9/79
3031,3032,3138,3148,2030,2040,2044,2050,2065,2067,2075,
2091,2025,2085,3195,3115,3033,3155,3165,3145,3135,2022,
3158,3168,3125,4331,4341//15//

GC20-1877

A GUIDE TO THE 4331 PROCESSOR

This guide presents hardware I/O device, programming systems, and other pertinent information about the IBM 4341 Processor that describes its significant new features and advantages. Knowledge of System/360 hardware and I/O devices is assumed. The contents of the guide are intended to acquaint the reader with the 4341 Processor and to be of benefit in planning for its installation.

Manual
4341//01//

GC22-7070

GUIDE TO 400-HZ POWER REQUIREMENTS

Defines the 400-Hz input power requirements for IBM 3165, 3168 and 3032/3033 Processors. The manual describes the tolerances for 400-Hz input power, load characteristics, control provisions, circuit protection, and provides suggested methods for meeting these tolerances.

Manual, 8 1/2 x 11 inches, 20 pages, 1/81
3032,3033,3165,3168,3081//15//

GC20-1879

FIXED BLOCK DASD INSTALLATION/CONVERSION GUIDE, LIC PROG 5746-XE8 (CURRENT RELEASE)

The purpose of this publication is to aid in the conversion from System/360 and System/370 DASD to the new DASD on the IBM 4300 Processors.

Manual, 8 1/2 x 11 inches, 188 pages, 8/79
//30//5746-XE8

GC23-0007

OPERATOR'S LIBRARY: OS/VS2 MVS JES2 R4 COMMANDS

This publication provides the JES2 information required for a system console operator to effectively control a System/370 running under OS/VS2 with the Job Entry Subsystem 2 (JES2). This publication is intended to be used with Operator's Library OS/VS2 MVS System Commands, which provides the basic OS/VS2 system information used in conjunction with JES2.

Manual, 8 1/2 x 11 inches, 120 pages, 1/79
//5752-825

GC20-1889

VSE SYSTEM IPO/EXTENDED GENERAL INFORMATION MANUAL

This manual provides a general summary of the IBM VSE System IPO/E concepts and facilities. It describes the major facilities of the VSE System IPO/E, including the unique menu-driven dialogues that assist the user in performing a desired activity. It describes the composition of the VSE System IPO/E and how this system can improve the productivity of the user.

This manual lists the products that make up the base and optional licensed program features available. Sample menu, data entry, and explain panels are shown with an explanation of their function and use. Information about the operating environment is also included.

Manual, 8 1/2 x 11 inches, 40 pages, 2/81
//34//5745-020

SC23-0032

MVS/INFORMATION DISTRIBUTION WORK STATION SUPPORT, LIC PROG 5740-AMA ADMINISTRATION, CUSTOMIZATION, AND INSTALLATION

This manual presents information that enables the user to administer, customize, and install the MVS/Information Distribution Work Station Support (IDWS) program to support the IBM 6670 Information Distributor in an MVS system. To install and administer IDWS, the user should be familiar with MVS, the job entry subsystem, and the SNA communication subsystem used in the installation.

The manual is organized in four chapters to support the user tasks of administering, customizing, and installing IDWS.
Manual, 8 1/2 x 11 inches, 2/80
//5740-AMA

GC20-8078

FORM AND CARD DESIGN

This manual is divided into two sections, the first devoted to form design and the second to card design. Its use presupposes a knowledge of IBM data processing equipment. It can be used as a guide for individual study or a text for class study.

DP Techniques Manual, 16 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SC23-0033

MVS/INFORMATION DISTRIBUTION WORK STATION SUPPORT, LIC PROG 5740-AMA, OPERATION: WORK STATION CONTROLLER AND SYSTEM OWNER GUIDE

This manual is written for IDWS users who have work station controller and system owner command authority. It presents information that enables the user to start, stop, and run IDWS with the IBM 6670 Information Distributor and MVS. Users with system owner authority should be familiar with MVS, the job entry subsystem, and the SNA communications subsystem used in the installation. Users with work station controller authority should be familiar with the IBM 6670 Information Distributor and understand the concepts of networking and remote job processing. The manual is in four chapters, organized by IDWS command authority.

Manual, 8 1/2 x 11 inches, 2/80

GC20-8152

FLOWCHARTING TECHNIQUES

Adherence to standard techniques for the preparation of flowcharts of data processing systems and procedures greatly increases the effectiveness of communication between the programmer-analyst and the many groups with whom he deals.

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SC23-0034

MVS/INFORMATION DISTRIBUTION WORK STATION SUPPORT, LIC PROG 5740-AMA OPERATION: GENERAL USER GUIDE
This manual presents information that enables the general user to log on and log off the IBM 6670 Information Distributor as an MVS/Information Distribution Work Station Support (IDWS) work station, to run and control a job, and to control IBM 6670 work station operation. The manual is in five chapters, organized by general user tasks.

Users with general user authority do not require experience with data processing. The general user should learn to record IDWS commands on magnetic cards and to operate the IBM 6670 for communicating.
Manual, 8 1/2 x 11 inches, 2/80
////5740-AMA

GC23-0035

MVS/INFORMATION DISTRIBUTION WORK STATION SUPPORT, LIC PROG 5740-AMA, SPECIFICATIONS
This publication contains the specifications and the warranty for the MVS/Information Distribution Work Station Support licensed program. The program provides batch-oriented remote communications functions for the IBM 6670 Information Distributor with synchronous data link control protocol in the systems network architecture environment. The program extends OS/VS2 MVS host processor support to the IBM 6670 for job input, processing, and output.
Flyer, 17 x 22 inches, folded to 8 1/2 x 11 inches, 4 pages, 2/80
////5740-AMA

GC23-0038

OS/VS2 JES3 OVERVIEW
This publication introduces the terminology, organization, functions, and features of Job Entry Subsystem 3 (JES3). Readers need not be familiar with JES3, but should have an introductory level understanding of the Multiple Virtual Storage (MVS) System. This publication is a companion to Introduction to JES3, GC28-0607. The two manuals will provide a foundation for using the remaining manuals in the JES3 library.
Manual, 8 1/2 x 11 inches, 76 pages, 10/79
////5752-826

GC23-0039

JES3 INTRODUCTION
This book will introduce you to Job Entry Subsystem 3 (JES3). JES3 is a component of MVS that reads jobs, prepares them for execution, and processes output data produced by the jobs. In multiple-processor complexes, JES3 manages processors in a way where one processor exercises centralized control over the others and distributes jobs to the others via a common job queue.
It doesn't matter whether you are an installation manager, system programmer, application programmer, operator or student, or if you are currently using JES3 or just considering or planning a JES3 installation. You should read this book to get a perspective on JES3, and to get the maximum benefit from the other books in the JES3 library. There are no prerequisites for this book. It would be helpful, but not essential, for you to have a general knowledge of operating systems.
This edition applies to the JES3 component of MVS/System Product-JES3 Release 2 and to all subsequent releases and modifications until otherwise indicated in new editions or technical newsletters.
Manual, 8 1/2 x 11 inches,
//20//5740-XYN

SC23-0040

JES3 OVERVIEW
This book introduces the terminology, organization, function and features of Job Entry Subsystem 3 (JES3). It is not essential that you be familiar with JES3 to read this book, but to get the most out of it you should first read JES3 Introduction, GC23-0039. (The Introduction describes JES3 from an external point of view, emphasizing what JES3 is and how it can be used; this book describes JES3 from an internal point of view, emphasizing how JES3 is organized and how it works.) This book does require an introductory-level understanding of MVS.
This edition applies to the JES3 component of MVS/System Product-JES3 Release 2 and to all subsequent releases and modifications until otherwise indicated in new editions or technical newsletters. †H
Manual, 8 1/2 x 11 inches,
//20//5740-XYN

SC23-0041

JES3 SYSTEM PROGRAMMING LIBRARY: INSTALLATION PLANNING AND TUNING
This book is intended for JES3 system programmers or for anyone who plans to install, initialize, customize, or tune JES3. This book describes:

- The planning that must be done before installing JES3
- How to define resources for JES3
- How to use JES3 initialization statements to customize JES3
- How to initialize remote job processing, both BSC and

RJF

- How to tune JES3
- How to add your installation to a job network

Before reading this book, you should read JES3 Introduction, GC23-0039 and JES3 Overview, SC23-0040. This edition applies to the JES3 component of MVS/System Product - JES3 Release 2 and to all subsequent releases and modifications until otherwise indicated in new editions or technical newsletters.
Manual, 8 1/2 x 11 inches,
//34//5740-XYN

SC23-0042

JES3 SYSTEM PROGRAMMING LIBRARY: USER MODIFICATIONS AND MACROS
This book is intended for the system programmer who plans to modify JES3 control programs. It includes instructions on how to write JES3 user exit routines and dynamic support programs (DSPs) and how to use the JES3 macro instructions to aid in writing exit routines and DSPs.
This edition applies to the JES3 component of MVS/System Product - JES3 Release 2 and to all subsequent releases and modifications until otherwise indicated in new editions or technical newsletters.
Manual, 8 1/2 x 11 inches,
//36//5740-XYN

SC23-0043

JES3 SYSTEM PROGRAMMING LIBRARY: DIAGNOSIS
This book provides reference information for debugging Job Entry Subsystem 3 (JES3) and user-written extensions of JES3. Readers must have a working knowledge of JES3 functions and logic. Topics include Debugging and Service Aids, Dump and Trace Formats, How to Find Information in a Dump, Error Indicators, Data Areas, SNA RJP Problem Analysis, and JES3 Completion Codes.
This book is intended for use only in debugging. None of the information contained should be construed as defining a programming interface.
Manual, 8 1/2 x 11 inches,
//37//5740-XYN

GC23-0044

JES3 MESSAGES
This book contains documentation for the messages issued by the JES3 component of MVS/System Product - JES3 Release 2.
This edition applies to the JES3 component of MVS/System Product - JES3 Release 2 and to all subsequent releases and modifications until otherwise indicated in new editions or technical newsletters.
Manual, 8 1/2 x 11 inches,
//40//5740-XYN

SC23-0045

JES3 OPERATOR'S LIBRARY
This book contains the information required for a system console operator to effectively control the JES3 component of MVS/System Product - JES3 Release 2.
You should use this book in conjunction with Operator's Library: OS/VS2 MVS System Commands, GC28-1031 which provides information on controlling the MVS portion of MVS/System Product - JES3.
This edition applies to the JES3 component of MVS/System Product - JES3 Release 2 and to all subsequent releases and modifications until otherwise indicated in new editions or technical newsletters.
Manual, 8 1/2 x 11 inches,
//40//5740-XYN

SC23-0046

SYSTEM PROGRAMMING LIBRARY: JES2 INSTALLATION, INITIALIZATION AND TUNING.
This publication describes both the general functions and the network job entry functions of the JES2 part of MVS/System Product-JES2. The manual is intended for use by system programmers who are to install, initialize and tune JES2. It contains information about the installation and initialization of JES2, JES2 processing, remote job entry (RJE) support by JES2, and factors that affect JES2 performance. The manual also describes JES2 support for user exit routines, spool offloading, system error procedures and multiple routing of output.
Manual
//34//5740-XYN

SC23-0048

OPERATOR'S LIBRARY: JES2 COMMANDS
This publication describes both the general commands of JES2 and the commands which implement the networking functions of the JES2 part of MVS/System Product - JES2. These commands are used to control jobs, SYSIN, SYSOUT and various devices for JES2. This manual can be used by operators, application programmers, system programmers and IBM maintenance personnel, but primarily provides the JES2 information required by a system console operator. This publication is intended for use with the Operator's Library: OS/VS2 MVS System Commands, GC28-1031.
Manual, 8 1/2 x 11 inches
//40//5740-XYN

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GC23-0051
SUPPLEMENT FOR SU18 TO MVS JES3 DEBUGGING GUIDE:
JES3 MSS, 5752-818
 Provides information for use in debugging JES3 to program support representatives and system programmers whose installation supports the 3850 Mass Storage System. Manual, 8 1/2 x 11 inches, 204 pgs, 3/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GC23-0058
SUPPLEMENT FOR SU29 TO MVS JES3 DEBUG GUIDE:
3838 VPSS, 5752-829
 This is a supplement to base publication JES3 Debugging Guide, GC28-0703-1. It contains information in support of JES3 Release 2 (SU12) and JES3 3850 MSS (SU18). Manual, 8 1/2 x 11 inches, 11 pgs., 8/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GC24-5128
SUPPLEMENT TO OS/VS1 PROGRAMMER'S REFERENCE DIGEST:
SUID 5741-606
 This supplement provides replacement pages for the OS/VS1 Programmer's Reference Digest, GC24-5091-5 with TNL GN24-5525. It documents the OS/VS1 Subsystem Attachment Support impact to the Programmer's Reference Digest. Manual, 3 3/4 x 6 3/4 inches, 8 pgs, 10/77
 ///5741-606

GC24-5129
SUID 5741-606 SUPPLEMENT TO OS/VS1 SYSTEM MANAGEMENT FACILITIES
 This supplement provides replacement pages for the OS/VS1 System Management Facilities, GC24-5115-1. It documents the OS/VS1 Subsystem Attachment Support impact to the System Management Facilities manual. Manual, 8 1/2 x 11 inches, 20 pgs, 10/77

GC24-5138
DOS/VSE DATA MANAGEMENT CONCEPTS (CURRENT RELEASE)
 Provides conceptual and functional information about the data management facilities offered by DOS/VS. These facilities concern items such as record design, file organization, and access methods, as well as file labeling, data security and integrity, and symbolic device names. The intended audience is a systems designer who must decide on a file organization and access method for a given application, and an applications programmer who needs general background information about the access method to be used in his programs. Prerequisite publication: Introduction to DOS/VS, GC33-6053. Manual, 108 pages, 2/79
 //30//5745-020,5745-030

SC24-5146
VSE/VSAM, LIC PROG 5746-AM2, MESSAGES & CODES (CURRENT RELEASE)
 This manual lists and interprets the messages and codes that VSAM and Access Method Services issue to the operator and programmer. It provides corrective action for each message and code, plus information about how the system handles the error. Messages and codes are documented in numerical order. Manual, 112 pages, 2/79
 ///5746-AM2

GC24-5148
SU4 SUPPLEMENT TO OS/VS1 PROGRAMMER'S REFERENCE DIGEST
(SU ID 5741-604)
 This Supplement contains replacement pages for GC24-5091-5 with TNL GN24-5525. It documents the 3895 Document Reader/Inscriber impact to the Programmer's Reference Digest. Manual, 3 3/4 x 6 3/4 inches, 12 pgs, 3/77
 ///5741-604

GC24-5152
SU4 SUPPLEMENT TO OS/VS1 DEBUGGING GUIDE, (GC24-5093-4)
SU ID 5741-604
 This supplement provides UCB Sense Byte information for the OS/VS1 IBM 3895 Support Selectable Unit. Manual, 8 pgs, 3/77
 ///5741-604

GC24-5190
VSE/VSAM LICENSED PROGRAM SPECIFICATIONS
 This manual serves as a basis for the warranty of DOS/VSE VSE/VSAM Release 2 and also as a technical marketing tool. It provides information on the functions and the required operating environment of DOS/VSE VSE/VSAM Release 2. Flyer, 3 pages, 12/79
 ///5746-AM2

SC24-5191
VSE/VSAM, LIC PROG 5746-AM2, DOCUMENTATION SUBSET
 This book is based on and is a shortened version of Using VSE/VSAM Commands and Macros. It is intended for application programmers who want a simplified and basic

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understanding and approach to the VSAM commands and macros. Many of the seldom-used functions, commands, and command parameters (typically used by a system programmer) are not documented in this book. You will have to refer to the other VSAM publications for explanations not given in this book. Manual, 8 1/2 x 11 inches, 192 pages, 12/79
 ///5746-AM2

SC24-5192
USING THE VSE/VSAM SPACE MANAGEMENT FOR SAM FEATURE, LIC
PROG 5746-AM2
 This manual provides the information necessary for placing SAM files into VSAM data space when the "VSE/VSAM Space Management for SAM Feature" is installed. The audience consists of VSAM users who have SAM files that they wish to have processed and managed by VSAM's facilities. This manual contains an overview of the facilities and functions available for SAM files when the feature is installed, an explanation of what functions become available at the different levels of migration when converting SAM files (accessible by SAM and VSAM) to VSAM-only files, and a detailed explanation of the commands used for creating, deleting, updating, and extending SAM files in VSAM data space. Manual, 48 pages, 9/79
 ///5746-AM2

GC24-5201
OS/VS1 RELEASE 7 GUIDE
 This publication summarizes the differences between OS/VS1 Release 7 and Release 6.7. It provides installation managers, system programmers, and IBM Field Engineering personnel with useful planning and implementation information. The four chapters of this publication contain:
 1. Functional summaries of the enhancements and information about the device support included in this release.
 2. Installation and system generation considerations.
 3. An OS/VS1 publications list and library chart.
 4. Order and distribution procedures for this release, including program material shipped with the system and optional material available. Manual, 8 1/2 x 11 inches, 30 pages, 7/79
 //34//5741,5652

GC24-5202
OS/VS1 RELEASE 7 SYSTEM CONTROL PROGRAM SPECIFICATIONS PROG
5652-VS1
 This document constitutes "IBM's official published specifications" to which OS/VS1 Release 7 is warranted. Manual, 8 1/2 x 11 inches, 2 pages, 5/79

GC24-5203
OS/VS1 INFORMATION DISTRIBUTION WORKSTATION SUPPORT,
LIC PROG 5740-XYE, SPECIFICATIONS
 This document constitutes "IBM's official published specifications" to which OS/VS1 Information Distribution Workstation Support is warranted. Manual, 8 1/2 x 11 inches, 2 pages, 4/79
 ///5740-XYE

GC24-5206
VIRTUAL MACHINE FACILITY/370: VM/PASS-THROUGH FACILITY,
LIC PROG 5748-RC1, GENERAL INFORMATION
 This publication contains a high level description of VM/Pass-Through Facility. Its purpose is to assist both customers and IBM representatives with marketing and planning activities. The information is directed at anyone involved in making decisions about the usefulness of VM/Pass-Through Facility for an installation. It is not intended to be used as a reference manual for programming or operating activities. Manual, 8 1/2 x 11 inches, 30 pages, 9/79
 ///5748-RC1

GC24-5207
VIRTUAL MACHINE FACILITY/370: VM/PASS-THROUGH FACILITY,
LIC PROG 5748-RC1, SPECIFICATIONS
 This document serves as a warranty for VM/Pass-Through facility. It provides information about the hardware and programming requirements for this licensed program. Flyer, 8 1/2 x 11 inches, 2 pages, 4/80
 ///5748-RC1

SC24-5208
VM/PASS-THROUGH REFERENCE GUIDE
 No abstract available. Manual, 8 1/2 x 11 inches, 136 pages, 4/80
 ///5748-RC1

GC24-5209
VSE SYSTEM DATA MANAGEMENT CONCEPTS, LIC PROG 5746-XE8
(CURRENT RELEASE)
 Provides conceptual and functional information about the data management facilities offered by VSE/Advanced Functions. These facilities concern items such as record design, file organization, and access methods, as well as file labeling, data security and integrity, and symbolic device names. The intended audience is a systems designer who must decide on a file organization and access method for

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a given application, and an applications programmer who needs general background information about the access method to be used in his programs. Prerequisite publication: Introduction to the VSE System, GC33-6108. Manual, 102 pages, 10/79 //30//5746-XE8

SC24-5210

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, MACRO USER'S GUIDE (CURRENT RELEASE)

This guide is for programmers intending to use the VSE/Advanced Functions Input/Output Control System (IOCS) and the system control program macros. Chapters on file organization and concepts of access methods precede and provide background for discussions on the use of LIOCS macros to process files stored on DASD, diskette, magnetic tape, and unit record media. Device-independent system files and file processing by means of Physical IOCS (PIOCS) are also discussed. The use of the appropriate macros to obtain system control program (supervisor) functions are discussed for, among others, virtual storage control, program communications, multitasking, and program checkpointing.

Prerequisite publication: VSE System Data Management concepts, GC24-5209. Manual, 8 1/2 x 11 inches, 260 pages, 10/79 //30//5746-XE8

SC24-5211

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, MACRO REFERENCE (CURRENT RELEASE)

This manual provides quick reference to data management and system control macro information for experienced programmers. For the most part, restrictions and programming details have been omitted in order to provide rapid access to the information in the book.

Included are sections containing descriptions of the IOCS declarative and imperative macros and the system control ("supervisor") macros. Within each section, the macros are arranged alphabetically for easy reference. Preceding these sections is a list of all the macros in the book, showing the operands valid for each one and serving as an index for the descriptions that follow.

Prerequisite publications: VSE/Advanced Functions Macro User's Guide SC24-5210. Manual, 8 1/2 x 11 inches, 160 pages //30//5746-XE8

SC24-5212

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, TAPE LABELS (CURRENT RELEASE)

The types of labels that may be written on magnetic tape by VSE/Advanced Functions are defined and described in this manual. The processing performed by the system, and the specifications that the user must supply, are described. The processing of standard, user-standard, and nonstandard labels, and unlabeled files, is explained, primarily in regard to the function performed for volume, header, and trailer labels when the user ties specifications directly to IOCS through the DTF entries. Illustrations of volume layouts show the various arrangements of labels and data records that can be handled. For a thorough understanding of this manual, the reader should have a basic understanding of the Input/Output control systems (IOCS) as described in VSE System Data Management concepts, GC24-5209, and VSE/Advanced Functions Macro User's Guide, SC24-5210. Manual, 8 1/2 x 11 inches, 60 pages, 10/79 //30//5746-XE8

SC24-5213

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, DASD LABELS (CURRENT RELEASE)

This manual is a guide for programmers using the VSE/Advanced Functions for standard label processing and subroutines for user standard label processing on DASD or diskette. A glossary is included.

Manual, 128 pages, 10/79 //30//5746-XE8

GC24-5215

OS/VS1 BASIC PROGRAMMING EXTENSIONS, LIC PROG 5662-257, PROGRAM SUMMARY

This flyer describes the proposed content for OS/VS1 Basic Programming Extensions program product. This flyer is to be released with the announcement of the product. Flyer, 8 1/2 x 11 inches, 1 page, 9/79 //30//5662-257

SC24-5216

USING VSE/VSAM BACKUP/RESTORE FEATURE, LIC PROG 5746-AM2

This manual is for the use of customer system and application programmers who are involved in the use or design of systems supporting the VSE/VSAM BACKUP and RESTORE commands.

This manual explains the two commands and their parameters and gives specific examples of their use. Manual, 48 pages, 2/80 //30//5746-AM2

GC24-5217

OS/VS1 BASIC PROGRAMMING EXTENSIONS LIC PROG 5662-257, SPECIFICATIONS (CURRENT RELEASE)

This flyer constitutes the Licensed Program Specifications for the OS/VS1 Basic Programming Extensions program product, program number 5662-257. It constitutes IBMS's official published specifications to which the product is warranted. Flyer, 8 1/2 x 11 inches, 2 pages, 7/80 //30//5662-257

GC24-5218

OS/VS1 BASIC PROGRAMMING EXTENSIONS LIC PROG 5662-257, GENERAL INFORMATION (CURRENT RELEASE)

This publication contains a high level description of OS/VS1 Basic Programming Extensions, program number 5662-257. It is intended to assist both customers and IBM representatives with marketing and planning activities. The information is directed at anyone involved with making decisions about the usefulness of OS/VS1 Basic Programming Extensions for an installation. It is not intended to be used as a reference manual for programming or operating activities. It includes information on new device support and added functions and enhancements.

Manual, 8 1/2 x 11 inches, 8 pages, 7/80 //30//5662-257

SC24-5219

VIRTUAL MACHINE/SYSTEM PRODUCT, LIC PROG 5664-167 EXEC 2 REFERENCE

This manual contains a precise description and definition of the EXEC 2 language. It contains an overview of the EXEC 2 language, all of the EXEC 2 commands, their syntax, and a complete explanation of the function and use of each command. Also included are the error messages issued by EXEC 2.

Manual, 8 1/2 x 11 inches, 80 pages //39//5664-167

SC24-5220

VIRTUAL MACHINE/SYSTEM PRODUCTS, LIC PROG 5664-167 SYSTEM PRODUCT EDITOR USER'S GUIDE

This manual is a user's guide for the System Product editor, which comprises the XEDIT command and its subcommands and macros.

Tutorial in style, the manual presents a subset of XEDIT subcommands for full screen text processing and another subset for text processing on a typewriter terminal. More advanced topics are also discussed. Manual, 8 1/2 x 11 inches, 160 pages, 9/80 //39//5664-167

SC24-5221

VIRTUAL MACHINE/SYSTEM PRODUCT, LIC PROG 5664-167 SYSTEM PRODUCT EDITOR COMMAND AND MACRO REFERENCE

This manual describes the System Product editor, which comprises the XEDIT command and its subcommands and macros. Each subcommand and macro description includes format, usage notes, messages, and return codes. Appendixes include instructions for EDII and EDGAR compatibility mode.

Manual, 8 1/2 x 11 inches, 324 pages, 9/80 //39//5664-167

GC26-3855

OS/VS AND DOS/VSE ANALYSIS PROGRAM-1 (AP-1) USER'S GUIDE (CURRENT RELEASE)

This publication is intended for operators whose systems include the IBM 3344 or IBM 3350 Direct-Access Storage. The material introduces operators and programmers to Analysis Program-1 (AP-1), its operating procedures, and its output. The material is presented in general terms and assumes that the reader knows how to operate his computer system.

AP-1 is a utility program for use with the 3344 and 3350. AP-1 examines the drive and the user's data to determine if there are errors. When AP-1 detects an error, it prints a message to the operator and prints diagnostic information on the system's printer.

Manual, 3/76 //32//3344,3350,3310,3370/5741,5752,5745-020,5742,5745-010,5652,5745-030

GC26-3876

OS/VS1 CHECKPOINT/RESTART

This publication describes Checkpoint/Restart, a technique for recording information about a job at programmer-designated checkpoints so that, if necessary, the job can be restarted at the beginning of a step or at a checkpoint within a step. It is intended for use by programmers and system analysts.

A general understanding of job control language and data management is prerequisite knowledge for understanding the information in this publication. Manual, 88 pages, 9/76

//36//5652

GC26-3886

OS/VS1 SUBSYSTEM ATTACHMENT SUPPORT - SUID 5741-606, CHECKPOINT/RESTART SUPPLEMENT

This System Library Supplement provides replacement pages for OS/VS1 Checkpoint/Restart, GC26-3876-0, to support the

GC26

SC26

OS/VS1 Subsystem Attachment Support (SU 6).
Manual, 8 1/2 x 11 inches, 18 pgs, 10/77
////5741-606

SC26-3916

OS/VS ACCESS METHOD SERVICES CRYPTOGRAPHIC OPTION,
LIC PROG 5740-AM8
This book describes the Access Method Services Cryptographic Option, a program product which enables a user to protect his offline data. This option is invoked by users of the Access Method Services REPRO command, which has been extended so that data can be copied to yield a data set whose contents are unintelligible. Another function of REPRO converts the data back to an intelligible form. The REPRO command uses the Programmed Cryptographic Facility program product, 5740-XY5.

The book is intended for installation managers and system programmers who are responsible for the software data security of their installations. It is assumed the reader is familiar with Access Method Services, its command language format, notational conventions, JCL requirements, etc. This information is contained in OS/VS1 Access Method Services, GC26-3840, and OS/VS2 Access Method Services, GC26-3841.

Manual, 8 1/2 x 11 inches, 20 pages, 5/78
////5740-AM8

GC26-3917

ACCESS METHOD SERVICES CRYPTOGRAPHIC OPTION,
LIC PROG 5740-AM8, SPECIFICATIONS

This Licensed Program Specifications (LPS) describes the warranted specifications of the subject Program Product.

Flyer, 8 1/2 x 11 inches, 2 pages, 5/78
////5740-AM8

GC26-3935

3800 PRINTING SUBSYSTEM ENHANCEMENTS SYSTEM INFORMATION

This manual is intended for installation managers, system programmers, and others planning to incorporate the 3800 Enhancements into an OS/VS1 or OS/VS2 MVS system. It tells how to plan and order the appropriate Enhancements package. It is assumed that the reader is familiar with the OS/VS1 or OS/VS2 MVS system and with the version of the job entry subsystem (JES) that is being used at the installation being updated. It also is assumed that the reader is familiar with the IBM 3800 Printing Subsystem and its basic programming.

Manual, 8 1/2 x 11 inches, 16 pages, 11/79
//30/3800/5752,5652

GC26-3945

OS/VS1 3800 PRINTING SUBSYSTEM ENHANCEMENTS SYSTEM CONTROL PROGRAMMING, SCP 5652-VS1 FEATURE NUMBERS 5311, 5312

This document is the System Control Programming Specifications for the OS/VS1 IBM 3800 Printing Subsystem Enhancements features.

Flyer, 8 1/2 x 11 inches

GC26-3946

DEVICE SUPPORT FACILITIES STANDALONE SCP 5747-DS1
(CURRENT RELEASE)

This flyer contains the System Control Programming Specifications for the Device Support Facilities Stand-Alone program.

Flyer, 2 page, 7/79

GC26-3947

DATA FACILITY/DATA SET SERVICES, LIC PROG 5740-UT3,
GENERAL INFORMATION

This manual introduces the Data Facility/Data Set Services (DF/DSS) program product and can be used as an aid in evaluating and planning for its use. The material is primarily directed to data processing management and to system and application programmers.

DSSU is a DASD utility whose functions include the dumping and restoring of data sets (as well as full or partial volumes), and the reduction or elimination of free-space fragmentation. It uses standard OS/VS system data management facilities.

Manual, 8 1/2 x 11 inches, 28 pages, 6/80
////5740-UT3

GC26-3948

DATA FACILITY/DATA SET SERVICES, LIC PROG 5740-UT3,
SPECIFICATIONS

Specifications provide information on the warranted functions of the licensed program.

Flyer, 8 1/2 x 11 inches, 2 pages, 10/80
////5740-UT3

SC26-3949

DATA FACILITY/DATA SET SERVICES, LIC PROG 5740-UT3, USER'S
GUIDE AND REFERENCE

This book is intended for use by system and application programmers who will be working with the Data Facility/Data Set Services program product. The Preface to the book lists related publications.

Manual, 8 1/2 x 11 inches, 124 pages, 10/80
////5740-UT3

GC26-3951

OS/VS2 MVS DATA FACILITY/DEVICE SUPPORT, REL 1.0,
LIC PROG 5740-AM7, SPECIFICATIONS

This flyer gives the licensed program specifications for OS/VS2 MVS Data Facility/Device Support Release 1.0.

Flyer, 8 1/2 x 11 inches, 2 pages, 10/80
////5740-AM7

SC26-3952

DATA FACILITY/DEVICE SUPPORT, LIC PROG 5740-AM6 (VS1),
5740-AM7 (VS2 MVS), USER'S GUIDE AND REFERENCE

This manual describes Data Facility/Device Support volume management services. It also describes an index to the VTCC, how a VTCC or VTOC index is listed, and the use of Common VTOC Access Facility (CVAF) macros.

This manual is intended for system programmers.

Manual, 8 1/2 x 11 inches, 60 pages, 10/80
////5740-AM6,5740-AM7

GC26-3954

DATA FACILITY/DEVICE SUPPORT, LIC PROG 5740-AM6, -AM7,
GENERAL INFORMATION

This publication introduces the Data Facility/Device Support program product for OS/VS1 and OS/VS2 (MVS). It is an aid in evaluating and planning for using this program product and is directed to data processing management and to system and application programmers.

Manual, 8 1/2 x 11 inches, 30 pages, 7/80
////5740-AM6,5740-AM7

GC26-3955

OS/VS1 DATA FACILITY/DEVICE SUPPORT RELEASE 1,
LIC PROG 5740-AM6, PROGRAM SUMMARY

This flyer is the program summary of OS/VS1 Data Facility/Device Support Release 1.

Flyer, 8 1/2 x 11 inches, 4 pages, 06/80
////5740-AM6

GC26-3956

OS/VS2 MVS DATA FACILITY/DEVICE SUPPORT RELEASE 1,
LIC PROG 5740-AM7, PROGRAM SUMMARY

This flyer is the program summary of OS/VS2 MVS Data Facility/Device Support Release 1.

Flyer, 8 1/2 x 11 inches, 4 pages, 06/80
////5740-AM7

GC26-3958

OS/VS2 MVS 3800 PRINTING SUBSYSTEM ENHANCEMENTS SYSTEM
CONTROL PROGRAMMING, SCP 5752-VS2 FEATURE NUMBERS 5319
5320, 5321, 5322, 5325, 5326 SPECIFICATIONS

This document is the System Control Programming specifications for the OS/VS2 MVS IEM 3800 Printing Subsystem Enhancements features.

Flyer, 8 1/2 x 11 inches, 1 page 1/80

GC26-3960

DATA FACILITY/EXTENDED FUNCTION, LIC PROG 5740-XYQ, GENERAL
INFORMATION

This manual provides general information about the IBM Data Facility/Extended Function program product. It will aid in the evaluation of the usefulness of the product, in estimating the resources required to install it, and in predicting the tasks required to prepare for its installation and use. A basic knowledge of VSAM, VSAM catalog management, Access Method Services, and data management is assumed.

Manual, 8 1/2 x 11 inches, 20 pages, 9/80
////5740-XYQ

GC26-3961

OS/VS2 MVS DATA FACILITY/EXTENDED FUNCTION RELEASE 1,
LIC PROG 5740-XYQ, PROGRAM SUMMARY

This flyer is the program summary of OS/VS2 MVS Data Facility/Extended Function Release 1.

Flyer, 8 1/2 x 11 inches, 4 pages, 06/80
////5740-XYQ

GC26-3964

DATA FACILITY EXTENDED FUNCTION, LIC PROG 5740-XYQ,
SPECIFICATIONS

This flyer describes the licensed program specifications for the program product Data Facility Extended Function.

Flyer, 8 1/2 x 11 inches, 2 pages, 2/81
////5740-XYQ

SC26-3966

DATA FACILITY EXTENDED FUNCTION, LIC PROG 5740-XYQ, ACCESS
METHOD SERVICES ADMINISTRATION AND SERVICES

This book discusses how to administer VSAM and non-VSAM data set entries in Integrated Catalog Facility or VSAM catalogs. It also explains how to use the Access Method Services commands to manipulate the catalogs.

Readers of this book are presumed to have a background in programming. The prerequisite book is Data Facility

Extended Function: Access Method Services Reference, SC26-3967.

Manual, 8 1/2 x 11 inches, 200 pages, 2/81
////5740-XYQ

SC26

SC26

- SC26-3967
DATA FACILITY EXTENDED FUNCTION, LIC PROG 5740-XYQ, ACCESS METHOD SERVICES REFERENCE
 This book contains a list of the AMS commands and gives their formats. It also has a brief description of the commands for the Integrated Catalog Facility and VSAM catalogs and the objects catalogued in them.
 Readers of the book are presumed to have a background in programming. The prerequisites for this book are: Data Facility Extended Function Access Method Services Administration and Services, SC26-3966, and Planning for Enhanced VSAM under OS/VS, GC26-3842.
 Manual, 8 1/2 x 11 inches, 500 pages, 2/81
 ///5740-XYQ
- GC26-3969
OS/VS SORT/MERGE RELEASE 4, LIC PROG 5740-SM1, PROGRAM SUMMARY
 This flyer is the program summary of OS/VS Sort/Merge Release 4.
 Flyer, 8 1/2 x 11 inches, 4 pages, 06/80
 ///5740-SM1
- GC26-3970
DIRECT ACCESS STORAGE DEVICE (DASD) MIGRATION AID RELEASE 1 PROGRAM SUMMARY
 This flyer is the program summary of the Direct Access Storage Device Migration Aid Program, Release 1. Works under MVS and VS1.
 Flyer, 8 1/2 x 11 inches, 4 pages, 06/80
 ///5668-002
- SC26-3971
OS AND DOS PL/I OPTIMIZING COMPILERS: EXTENDED GRAPHIC CHARACTER SET SUPPORT SUPPLEMENT, LIC PROG 5734-PL1, -LM4, -LM5, -PL3, 5736-PL1, -LM4, -LM5, -PL3
 This publication is a supplement to OS PL/I Checkout and Optimizing Compilers: Language Reference Manual, GC33-0009; OS PL/I Optimizing Compiler: Programmers's Guide, GC33-0006; OS PL/I Optimizing Compiler: Execution Logic, SC33-0025; DOS PL/I Optimizing Compiler: Language Reference Manual, GC33-0005; DOS PL/I Optimizing Compiler: Programmer's Guide, SC33-0007; and DOS PL/I Optimizing Compiler Execution Logic, SC33-0032. Information is provided about the PL/I Extended Graphic Character Set Support for DOS and OS.
 Manual, 8 1/2 x 11 inches, 40 pages, 05/80
 ///5734-PL1, 5734-LM4, 5734-LM5, 5734-PL3, 5736-PL1, 5736-LM4, 5736-LM5, 5736-PL3
- GC26-3972
DIRECT ACCESS STORAGE DEVICE MIGRATION AID: LIC PROG 5668-002, GENERAL INFORMATION
 This manual contains general information about the Direct Access Storage Device Migration Aid program product. It is for use by the data processing management and staff of any installation that uses direct access storage devices (DASD) for data set management. It will help those people to evaluate how the product can assist their installation in moving data sets between different types of direct access storage devices.
 Manual, 8 1/2 x 11 inches, 20 pages, 11/80
 ///5668-002
- SC26-3973
DIRECT ACCESS STORAGE DEVICE MIGRATION AID, LIC PROG 5668-002, USE AND DIAGNOSIS
 This publication is required for anyone using the Direct Access Storage Device Migration Aid program product. This publication is divided into two distinct parts:
 • Part 1 is intended for people who plan for migrating non-VSAM data sets to a new DASD, as well as for those who create and maintain the JCL and utility control statements, and procedure libraries required for migrating these data sets.
 • Part 2 is for diagnosticians and IBM local and central service personnel who diagnose DASD Migration Aid errors and correct them. It describes how to determine the type of programming error that occurred and the DASD Migration Aid program it occurred in.
 The following publication may be useful when first becoming familiar with the product:
 • Direct Access Storage Device Migration Aid: General Information, GC26-3972
 Manual, 8 1/2 x 11 inches, 120 pages, 11/80
 ///5668-002
- GC26-3974
DIRECT ACCESS STORAGE DEVICE MIGRATION AID, LIC PROG 5668-002, SPECIFICATIONS
 This flyer gives the specifications for the licensed program Direct Access Storage Device Migration Aid.
 Flyer, 8 1/2 x 11 inches, 2 pages, 11/80
 ///5668-002
- GC26-3982
VS FORTRAN COMPILER AND LIBRARY, LIC PROG 5748-FO3, LM3, PROGRAM SUMMARY
 This flyer is the program summary of VS FORTRAN Compiler and Library.
 Flyer, 8 1/2 x 11 inches, 4 pages, 6/80
 ///5748-FO3, 5748-F03, 5748-LM3
- GC26-3983
VS FORTRAN COMPILER AND LIBRARY GENERAL INFORMATION
 This manual introduces the VS FORTRAN program product and can be used as an aid in evaluating and planning for its use. The material is primarily directed to data processing management and to system and application programmers.
 Manual, 8 1/2 x 11 inches, 30 pages, 7/80
 ///5748-IM3, 5748-FC3, 5748-F03
- GC26-3984
VS FORTRAN COMPILER AND LIBRARY, LIC PROG 5748-FO3, -LM3, SPECIFICATIONS
 This document defines the warranted specifications for the program product.
 Flyer, 8 1/2 x 11 inches, 4 pages, 2/81
 ///5748-FO3, 5748-LM3, 5748-F03
- SC26-3985
VS FORTRAN APPLICATION PROGRAMMING: GUIDE, LIC PROG 5748-FO3, -LM3
 This manual describes how to use VS FORTRAN, together with the supported operating systems, to design, develop, test, and run programs written in VS FORTRAN at the 1978 language level. It is designed for application developers: students, engineers, and scientists who use FORTRAN as a tool in mathematical problem solving, and for application programmers who use advanced FORTRAN features to code FORTRAN applications for their own use or for others. This manual is not designed as a reference manual. The Preface lists related FORTRAN reference documentation, as well as any required related system manuals.
 Manual, 8 1/2 x 11 inches, 250 pages, 1/81
 ///5748-FO3, 5748-F03, 5748-LM3
- GC26-3986
VS FORTRAN APPLICATION PROGRAMMING, LIC PROG 5748-FO3, -LM3, LANGUAGE REFERENCE
 This reference publication is for application programmers to use when writing VS FORTRAN programs. It outlines programming rules for VS FORTRAN 1978-level source language. It includes Full American National Standard FORTRAN (X3.9-1978) plus IBM extensions. The book contains information about constants, variables, arrays, and expressions, plus a description of each statement in alphabetic order.
 This publication should be used with VS FORTRAN Application Programming: Guide, SC26-3985. Other VS FORTRAN publications are listed in the Preface.
 Manual, 8 1/2 x 11 inches, 250 pages, 2/81
 ///5748-FO3, 5748-F03, 5748-LM3
- SC26-3987
VS FORTRAN, LIC PROG 5748-FO3, -LM3, INSTALLATION AND CUSTOMIZATION
 This publication contains material for system programmers and planners for use in installing the VS FORTRAN Compiler and Library. It is designed for those who supervise the generation and maintenance of an organization's operating system. VS FORTRAN conforms to ANSI and ISO standards; many IBM extensions are included in the program product. The Preface lists related publications.
 Manual, 8 1/2 x 11 inches, 36 pages, 2/81
 ///5748-FO3, 5748-LM3, 5748-F03
- SC26-3988
VS FORTRAN APPLICATION PROGRAMMING: SYSTEM SERVICES REFERENCE SUPPLEMENT, LIC PROG 5748-FO3, -LM3
 This manual is intended for FORTRAN application programmers who need VS FORTRAN-specific reference material to run VS FORTRAN programs under OS/VS2 MVS (with or without TSO), OS/VS1, DOS/VSE, and VM/370-CMS. This book provides FORTRAN-specific reference documentation for compiling, link-editing, and executing VS FORTRAN programs. Detailed system documentation is not included; therefore, the Preface lists related system manuals.
 Manual, 8 1/2 x 11 inches, 100 pages, 1/81
 ///5748-FO3, 5748-LM3, 5748-F03
- SC26-3989
VS FORTRAN, 5748-FO3 AND 5748-LM3, APPLICATION PROGRAMMING: LIBRARY REFERENCE
 This publication describes the mathematical and service subprograms in the VS FORTRAN libraries supplied with VS FORTRAN. The reader should be familiar with standard and mathematical notation and with common mathematical terminology, which are used in this book.
 The publication describes the subprograms that perform computations and conversions frequently needed by the programmer and also contains information about those subprograms that perform utility functions. This book tells how mathematical functions are computed by the VS FORTRAN library and gives accuracy and timing statistics for the explicitly called mathematical subprograms. Also provided are a list of diagnostic messages, a list of module names, storage estimates, and information for the assembler language programmer.
 Manual, 8 1/2 x 11 inches, 150 pages, 1/81

SC26

GC27

////5748-F03,5748-LM3,5748-F03

SC27-0430

NETWORK COMMUNICATIONS CONTROL FACILITY, LIC PROG 5735-XX6, INSTALLATION (CURRENT RELEASE)

This manual describes the installation and definition of the Network Communications Control Facility (NCCF). It is intended for system programmers and system administrators who decide the role of NCCF in the installation's network. Network Communications Control Facility (NCCF). It is intended for the systems programmer and system administrator who decide the role of NCCF in the installation's network.

Readers should be familiar with the basic functions and capabilities of NCCF as described in Network Communications Control Facility General Information, GC27-0429.

In addition, Network Communications Control Facility Customization, SC27-0433, should be read for an explanation of how NCCF can be tailored by the user. Manual, 8 1/2 x 11 inches, 90 pages, 9/80
////5735-XX6

SC26-3990

VS FORTRAN COMPILER AND LIBRARY, 5748-F03 AND 5748-LM3, DIAGNOSIS

This book tells you how to diagnose failures in the VS FORTRAN compiler and library. It assumes that the reader has already determined that the suspected failure was not caused by faulty usage of VS FORTRAN or by an error in the logic of the application program.

For information on diagnosing usage errors, see VS FORTRAN Application Programming: Guide, SC26-3985. Manual, 8 1/2 x 11 inches, 100 pages, 1/81
////5748-F03,5748-LM3,5748-F03

GC26-3991

OS PL/I OPTIMIZING COMPILER, LIC PROG 5734-PL1 AND -PL3, SPECIFICATIONS

These program product specifications (PPS) describe the warranted specifications of the subject program product. Flyer, 8 1/2 x 11 inches, 4 pages, 8/80
////5734-PL1,5734-PL3

SC27-0431

NETWORK COMMUNICATIONS CONTROL FACILITY, LIC PROG 5735-XX6, MESSAGES

This is a reference manual for Network Communications Control Facility (NCCF) messages and attend codes. All information needed to interpret an NCCF message is contained in this manual. This manual is written for terminal operators, system console operators, and system programmers.

Readers should be familiar with the functions and capabilities of NCCF, as explained in Network Communications Control Facility General Information, GC27-0429.

Manual, 8 1/2 x 11 inches, self-cover, 54 pages, 6/79
////5735-XX6

GC26-3992

OS PL/I RESIDENT LIBRARY, LIC PROG 5734-LM4 AND -PL3 SPECIFICATIONS

These program product specifications (PPS) describe the warranted specifications of the subject program product. Flyer, 8 1/2 x 11 inches, 2 pages, 8/80
////5734-PL3,5734-LM4

SC27-0432

NETWORK COMMUNICATIONS CONTROL FACILITY, LIC PROG 5735-XX6, TERMINAL USE

This publication describes the tasks associated with the operation of the Network Communications Control Facility (NCCF). It is intended for use by system console operators, terminal operators, and system programmers. The information contained in this document is for reference only. Specific operator procedures are defined by the individual NCCF installation to suit its requirements.

Readers should be familiar with the functions and capabilities of NCCF, as explained in the Network Communications Control Facility General Information, GC27-0429.

Manual, 8 1/2 x 11 inches, 46 pages, 12/79
////5735-XX6

GC26-3993

OS PL/I TRANSIENT LIBRARY, LIC PROG 5734-LM5 AND -PL3, SPECIFICATIONS

These program product specifications (PPS) describe the warranted specifications of the subject program product. Flyer, 8 1/2 x 11 inches, 2 pages, 8/80
////5734-LM5,5734-PL3

GC26-3994

DOS PL/I OPTIMIZING COMPILER, LIC PROG 5736-PL1 AND -PL3 SPECIFICATIONS

These program product specifications (PPS) describe the warranted specifications of the subject program product. Flyer, 8 1/2 x 11 inches, 4 pages, 8/80
////5736-PL1,5736-PL3

SC27-0433

NETWORK COMMUNICATIONS CONTROL FACILITY LIC PROG 5735-XX6, CUSTOMIZATION

This manual describes the programming procedures for tailoring and modifying the Network Communications Control Facility (NCCF). It is intended for the system programmer who defines the IBM-supplied NCCF program product and decides in what ways the program can be customized to suit the individual requirements of an installation.

Prerequisite Publications:
Network Communications Control Facility General Information, GC27-0429

Network Communications Control Facility Installation, SC27-0430

Network Communications Control Facility Terminal Use, SC27-0432

Manual, 8 1/2 x 11 inches, 192 pages, 12/79
////5735-XX6

GC26-3995

DOS PL/I TRANSIENT LIBRARY, LIC PROG 5736-LM5 AND -PL3, SPECIFICATIONS

These program product specifications (PPS) describe the warranted specifications of the subject program product. Flyer, 8 1/2 x 11 inches, 2 pages, 8/80
////5736-PL3,5736-LM5

GC26-3996

DOS PL/I RESIDENT LIBRARY, LIC PROG 5736-LM4, -PL3 SPECIFICATIONS

These program product specifications (PPS) describe the warranted specifications of the subject program product. Flyer, 8 1/2 x 11 inches, 2 pages, 8/80
////5736-LM4,5736-PL3

GC27-0427

NETWORK COMMUNICATIONS CONTROL FACILITY LIC PROG 5735-XX6 PROGRAM SUMMARY

This publication provides information about the Network Communications Control Facility (NCCF), including the functions and specified operating environment.

Manual, 8 1/2 x 11 inches, 1 page, 10/78
////5735-XX6

GC27-0436

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY (ACF/VTAME), LIC PROG 5746-RC7 PROGRAM SUMMARY

Advanced Communications Function for VTAM Entry (ACF/VTAME) is a teleprocessing access method, based on ACF/VTAME, that permits communication between application programs and terminals within a single domain of a multiple-domain network.

This publication summarizes the facilities of ACF/VTAME. It is intended for customer data processing management.

Flyer, 8 1/2 x 11 inches, 2 pages, 2/79
////5746-RC7

GC27-0428

NETWORK COMMUNICATIONS CONTROL FACILITY (NCCF), LIC PROG 5735-XX6 (VSE, OS/VS)

This publication provides information on the warranted functions of the Network Communications Control Facility. It also describes the specified operating environment.

Flyer, 8 1/2 x 11 inches, 2 pages, 6/79
////5735-XX6

GC27-0437

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY (ACF/VTAME) LIC PROG 5746-RC7, SPECIFICATIONS (CURRENT RELEASE)

This publication provides information on the warranted functions of the licensed program, ACF/VTAME. This publication also describes the specified operating environment.

Flyer 8-1/2 x 11 inches 1 page, 5/79
////5746-RC7

GC27-0429

NETWORK COMMUNICATIONS CONTROL FACILITY LIC PROG 5735-XX6 GENERAL INFORMATION

This publication provides an overview of the Network Communications Control Facility (NCCF). It is directed primarily to customer executives, system administrators, system analysts, system programmers, and terminal operators who are operating with VSE or OS/VS systems. Readers should use this book to get a general understanding of NCCF concepts, and the requirements and options that must be considered in planning and installing the program.

Manual, 8 1/2 x 11 inches, 30 pages, 11/80
////5735-XX6

GC27-0438

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY (ACF/VTAME) LIC PROG 5746-RC7 GENERAL INFORMATION: INTRODUCTION (CURRENT RELEASE)

ACF/VTAME is a teleprocessing access method that permits communication between application programs and terminals within a single or multiple-domain network. This publication describes the ACF/VTAME offering, hardware and software requirements, installation and programming

GC27

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considerations, and other information needed to evaluate the applicability of this licensed program to an installation. Manual, 8 1/2 x 11 inches, 60 pages, 1/79
 ///5746-RC7

issued by ACF/VTAME's unformatted system services (USS). This publication can be inserted, by the user, into DOS/VSE system messages manual if desired or used as a stand-alone manual. Manual, 8 1/2 x 11 inches, 250 pages, 6/79
 ///5746-RC7

SC27-0439

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY (ACF/VTAM), LIC PROG 5746-RC7, INSTALLATION (CURRENT RELEASE)

A reference manual for system programmers in performing these tasks:

1. Generating support for ACF/VTAME in DOS/VSE.
2. Defining start options, start procedures, and initial configuration lists.
3. Defining its domain to ACF/VTAME, as well as other domains in a multidomain network.
4. Defining session establishment and termination.
5. Defining ACF/VTAME services, such as exit routines, to it.

ACF/VTAME Pre-Installation Planning serves as an introduction to this manual.

Manual, 8 1/2 x 11 inches, 200 pages, 9/79
 ///5746-RC7

GC27-0440

SYSTEM CONTROL PROGRAMMING SPECIFICATIONS FOR ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY (ACF/VTAME), SCP 5746-RC3 (CURRENT RELEASE)

This publication provides general information on the system control programming for ACF/VTAME, including prerequisites and system requirements. Flyer, 8 1/2 x 11 inches, 5/79

SC27-0441

ADVANCED COMMUNICATION FUNCTION FOR VTAME (ACF/VTAME), LIC PROG 5746-RC7, PREINSTALLATION PLANNING (CURRENT RELEASE)

This manual is for customer system programmers and installation managers. It is an aid in planning and estimating the time and resources required for the installation of an ACF/VTAME.

It addresses two types of situations:

1. The customer will use ACF/VTAME standalone or in a network with other ACF/VTAMES.
2. The customer will use ACF/VTAME in a network with ACF/VTAM or ACF/TCAM, as well as other ACF/VTAMES.

In function, this manual is between ACF/VTAME General Information: Concepts (an introduction to ACF/VTAME) and ACF/VTAME Installation (a system programmer's reference). Manual, 8 1/2 x 11 inches, 140 pages, 7/79
 ///5746-RC7

SC27-0442

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY (ACF/VTAME), LIC PROG 5746-RC7, PROGRAMMING (CURRENT RELEASE)

The ACF/VTAME Programming manual describes how to write the Advanced Communications Function for VTAM Entry (ACF/VTAME) and the macro instructions used with ACF/VTAME. The macro instructions are used to write the data communication portions of ACF/VTAME application programs that communicate with logical units within an ACF/VTAME domain, in an ACF/VTAM domain, or in an ACF/TCAM domain. This manual provides the specifications needed to code such programs.

This manual is for any programmer, whether an application programmer, or a system programmer, who must write a program that uses ACF/VTAME macro instructions. The reader is assumed to be familiar with Basic Assembler Language.

Manual, 8 1/2 x 11 inches, 622 pages, 9/79
 ///5746-RC7

SC27-0443

ADVANCED COMMUNICATION FUNCTION FOR VTAM ENTRY (ACF/VTAM), LIC PROG 5746-RC7, OPERATION (CURRENT RELEASE)

This is a reference manual for system operators who run an ACF/VTAME domain and a guide for system programmers who must provide operators with the detailed information needed to run the domain.

To make the best use of this book, refer to Operating Procedures, GC33-5378, which contains information on the operation of DOS/VSE.

This manual also describes the fundamentals of communicating with ACF/VTAME, describes how ACF/VTAME is started and ACF/VTAME's start options and explains the use of commands in performing particular operations. ACF/VTAME domain and a guide for system programmers who must provide operators with the detailed information needed to run the domain.

To make the best use of this book refer to Operating Procedures, GC33-5378, which contains information on the operation of DOS/VSE.

This manual also describes the fundamentals of communicating with ACF/VTAME, describes how ACF/VTAME is started and ACF/VTAME's start options and explains the use of commands in performing particular operations. Manual, 8 1/2 x 11 inches, 7/79
 ///5746-RC7

SC27-0444

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY, LIC PROG 5746-RC7, MESSAGES & CODES (CURRENT RELEASE)

This publication contains, in alphanumerical order, all messages and codes issued by ACF/VTAME. These include all ACF/VTAME operator messages and terminal operator messages

SC27-0449

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), LIC PROG 5746-RC3, PROGRAMMER'S REFERENCE (CURRENT RELEASE)

This manual describes how to write an ACF/VTAM application program. An ACF/VTAM application program contains ACF/VTAM macro instructions which establish and terminate sessions, and perform communication functions with logical units and subsystems that are supported by ACF/VTAM.

- A summary of the Contents of the manual is as follows:
- An overview of ACF/VTAM application programs and their relation to other elements in a teleprocessing network.
- Suggestions on how to organize an ACF/VTAM application program.
- A discussion of the concepts, facilities, and language for opening and closing a program, and for establishing a session with and communicating with logical units.
- Requirements and suggestions on using exit routines, handling errors and special conditions in the network and debugging an ACF/VTAM application program. The user is assumed to be familiar with Basic Assembler Language.
- Detailed explanations of how to code each macro instruction.
- Prerequisite Publications: None, however, ACF/VTAM General Information: Concepts, GC27-0463, may be helpful in understanding the concepts of an ACF/VTAM network.

Manual, 8 1/2 x 11 inches, 5/79
 ///5746-RC3,5735-RC2

GC27-0450

NETWORK TERMINAL OPTION PROGRAM SUMMARY

Network Terminal Option is a licensed IBM program that runs in a 3705 Communications Controller under a Network Control Program. It allows certain non-SNA devices to appear to an access method in a host computer as an IBM 3767 attached through an NCP.

This publication contains a brief overview of the Network Terminal Option. It is intended for customer data processing management.

Flyer, 8 1/2 x 11 inches, 2 pages, 9/78
 ///5735-XX7

GC27-0451

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY (ACF/VTAME), LIC PROG 5746-RC7, GENERAL INFORMATION: CONCEPTS (CURRENT RELEASE)

ACF/VTAME is a teleprocessing access method that permits communication between application programs and terminals within a single-domain or multiple-domain network. This book describes the fundamental concepts needed to understand the installation and operation requirements of ACF/VTAME. It also provides an overview of the major tasks involved in using an ACF/VTAME system. It is intended for data processing managers and system programmers who may install or maintain a data communication system that uses ACF/VTAME. Manual, 8 1/2 x 11 inches, 6 months, 200 pages, 1/79
 ///5746-RC7

SC27-0456

8100 INFORMATION SYSTEM HOST COMMAND FACILITY USER'S GUIDE, TCAM AND ADVANCED COMMUNICATIONS FUNCTION FOR TCAM

This publication provides information on how to plan for the installation of the host Command Facility and how to use that facility from a System/370 to access specific 8100 applications in a network of 8100 Information Systems.

Manual, 8 1/2 x 11 inches,
 ///5735-XR1

GC27-0457

ACF/VTAM, LIC PROG 5746-RC3, 5735-RC2: PROGRAM SUMMARY

ACF/VTAM is a teleprocessing access method, based on VTAM, that permits communication between application programs and terminals within a single domain network and between domains of a multiple domain network.

This publication contains an overview of the functions provided by ACF/VTAM Release 2. It is intended for customer data processing management.

Flyer, 8 1/2 x 11 inches, 4 pages, 9/78
 ///5746-RC3,5735-RC2

GC27-0459

SYSTEM CONTROL PROGRAMMING SPECIFICATIONS VTAM SYSTEM CONTROL PROGRAMMING FOR ACF/VTAM RELEASE 2 (CURRENT RELEASE)

This publication provides information on the system control programming for ACF/VTAM Release 2.

Flyer, 8 1/2 x 11 inches, 2 pages, 2/79

GC27-0460

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), LIC PROG 5746-RC3, SPECIFICATIONS (CURRENT RELEASE)

This publication provides information on the warranted functions of ACF/VTAM Release 2. This publication also describes the specified operating environment.

Flyer, 8 1/2 x 11 inches, 2 pages, 2/79

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///5746-RC3,5735-RC2

GC27-0462

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM)
LIC PROG 5746-RC3, 5735-RC2, GENERAL INFORMATION:
INTRODUCTION (CURRENT RELEASE)

ACF/VTAM is a teleprocessing access method, based on VTAM, that permits communication between application programs and terminals within a single domain network and between domains in a multiple domain network.

This publication provides an overview of ACF/VTAM Release 2, facilities, hardware and software requirements, and other information needed to evaluate the applicability of this licensed program to an installation.

Manual
///5746-RC3,5735-RC2

GC27-0463

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM),
LIC PROG 5746-RC3 (DOS/VSE), 5735-RC2 (OS/VSE),
GENERAL INFORMATION: CONCEPTS (CURRENT RELEASE)

ACF/VTAM is a teleprocessing access method, based on VTAM, that permits communication between application programs and terminals within a single domain network and between domains of a multiple domain network.

This publication provides an introduction to ACF/VTAM Release 3. It describes its facilities and provides overview of the major tasks involved in using ACF/VTAM (installation, operation, programming, and problem determination). It is intended for data processing managers and system programmers who may install or maintain a data communication system that uses ACF/VTAM. A more general description of ACF/VTAM facilities and requirements can be found in ACF/VTAM General Information: Introduction GC27-0462.

Manual, 8 1/2 x 11 inches, 275 pages, 8/80
///5746-RC3,5735-RC2

SC27-0464

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM)
LIC PROG 5746-RC3, INSTALLATION (CURRENT RELEASE)

Provides the necessary information for defining an ACF/VTAM network in a DOS/VSE system. It describes the interfaces that must be created between the user's ACF/VTAM application program and the ACF/VTAM network. It also describes how the ACF/VTAM network can be modified to better serve the needs of the user.

This publication is intended for system programmers who are primarily concerned with system generation and ACF/VTAM network definition.

Prerequisite Publication: ACF/VTAM General Information: Concepts, GC27-0463; Corequisite Publication: ACF/VTAM Pre-Installation Planning, SC27-0465.

Manual, 8 1/2 x 11 inches, 300 pages, 4/79
///5746-RC3

SC27-0465

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM)
LIC PROG 5746-RC3, PREINSTALLATION PLANNING (CURRENT
RELEASE)

This manual is for customer system programmers and installation managers. It is an aid in planning - and estimating the time and resources required for - the installation of an ACF/VTAM Release 2.

It addresses two types of situations:

1. The customer is already using a VTAM Level 2 or ACF/VTAM Release 1 and can install in a series of stages called a migration path.
2. The customer is not migrating from one of these access methods, but is starting from scratch.

In function, this manual is between ACF/VTAM General Information: Concepts (an introduction to ACF/VTAM Release 2) and ACF/VTAM Installation (a system programmers' reference book).

Manual, 8 1/2 x 11 inches, 200 pages, 4/79
///5746-RC3

SC27-0466

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM)
LIC PROG 5746-RC3, 5735-RC2, OPERATIONS (CURRENT RELEASE)

This publication is a reference manual for system operators who run an ACF/VTAM network, either in OS/VSE or in DOS/VSE. It is also a guide for system programmers who must supply operators with detailed procedures needed to run an ACF/VTAM network.

The publication provides an introduction to operating ACF/VTAM (Chapter 1), describes the fundamentals of ACF/VTAM command, and messages (Chapter 2), and explains the command usage in performing particular operations (Chapter 3-7). Appendix E summarizes the commands.

Manual, 8 1/2 x 11 inches, 150 pages, 4/79
///5735-RC2,5746-RC3

SC27-0467

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM)
LIC PROG 5746-RC3, MESSAGES & CODES (CURRENT RELEASE)

This publication is a reference manual containing the ACF/VTAM messages which DOS/VSE issues for operators and programmers. The book explains why a message was issued, what action DOS/VSE takes, and what action the programmer and operator should take. Messages are listed in alphanumeric

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order. Also included are TOLTEP messages and terminal user and network operator messages. The appendixes explain VSAM return and reason codes, resource status codes, ACF/VTAM function and cancel codes, and command types which appear in some of the messages.

Manual, 8 1/2 x 11 inches, 200 pages, 4/79
///5746-RC3

SC27-0468

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM)
INSTALLATION, LIC PROG 5735-RC2

This publication provides the information needed to install, tailor, tune and maintain the Advanced Communication Function for Virtual Telecommunications Method (ACF/VTAM) in an OS/VSE data communications system. It is intended to be used by personnel involved in installing or maintaining ACF/VTAM in conjunction with the OS/VSE system control program.

Manual, 8 1/2 x 11 inches, 216 pages, 8/79
///5735-RC2

SC27-0469

ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM), LIC
PROG 5735-RC2, RELEASE 2 PRE-INSTALLATION PLANNING

This manual is for customer system programmers and installation managers. It is an aid in planning and estimating the time and resources required for the installation of an ACF/VTAM Release 2.

It addresses two types of situations:

1. The customer is already using a VTAM Level 2 or ACF/VTAM Release 1 and can install in a series of stages called a migration path.
 2. The customer is not migrating from one of these access methods, but is starting from scratch.
- In function, this manual is between ACF/VTAM General Information: Concepts (an introduction to ACF/VTAM Release 2) and ACF/VTAM Installation (a system programmer's reference).

Manual, 8 1/2 x 11 inches, 200 pages, 9/79
///5735-RC2

SC27-0470

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM),
LIC PROG 5735-RC2, 5746-RC3, MESSAGES & CODES (CURRENT
RELEASE)

This publication explains TSO/VTAM messages ACF/VTAM messages, TOLTEP messages, and terminal user messages. It also contains system completion codes, VSAM error reason codes, and ACF/VTAM problem determination tables. It should be used by network operators and system programmers who have ACF/VTAM and an OS/VSE operating system.

Manual, 8 1/2 x 11 inches, 172 pages, 8/79
///5735-RC2,5746-RC3

GC27-0500

VIRTUAL MACHINE/VTAM COMMUNICATIONS NETWORK APPLICATION
LIC PROG 5735-RC5, PROGRAM SUMMARY

The Virtual Machine/VTAM Communications Network Application (VM/VCNA) is a program product that provides the Virtual Machine/System Product (VM/SP) user the ability to use a System Network Architecture (SNA), binary synchronous communication (BSC), start-stop, or local terminal as an operator console for a virtual machine. VM/VCNA supports Control Program/Conversational Monitor System (Control Program/CMS) command processing, CMS editor processing, and VM full-screen processing. The selected start-stop devices are supported through the Network Terminal Option (NTO) as line-at-a-time devices. VM/VCNA provides an interface between VM's console support and the application program interface of the Advanced Communications Function for VTAM (ACF/VTAM) or the Advanced Communications Function for VTAM Entry (ACF/VTAME), in order to support SNA, BSC, start-stop, or local terminals as virtual machine consoles.

Flyer, 8 1/2 x 11 inches, 4 pages, 9/80
///5735-RC5

GC27-0501

VM/VTAM COMMUNICATION NETWORK APPLICATION, LIC PROG 5735-RC5
GENERAL INFORMATION

This manual describes the Virtual Machine/VTAM Communications Network Application (VM/VCNA). This product allows Systems Network Architecture (SNA) terminals anywhere in the network to be used as virtual machine operator consoles with the Virtual Machine/System Product (VM/SP).

The manual is intended for those wishing to obtain a general understanding of the use and function of VM/VCNA.
Manual, 8 1/2 x 11 inches, 32 pages, 9/80
///5735-RC5

SC27-0502

VIRTUAL MACHINE/VTAM COMMUNICATIONS NETWORK APPLICATION:
INSTALLATION, OPERATION, AND TERMINAL USE

This manual describes how to install and operate the Virtual Machine/VTAM Communications Network Application (VM/VCNA). VM/VCNA allows SNA terminals to be used as virtual operator consoles with the Virtual Machine/System Product (VM/SP). This manual is intended for the systems programmer and operations manager who decide the role of VM/VCNA in the installation. It is also intended for the terminal user and for operations personnel.

Manual

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////5735-RC5

Version 2 Release 3 program product.
Flyer, 8 1/2 x 11 inches, 2 pages, 4/80
////5740-XY4

GC27-0503

VIRTUAL MACHINE/VTAM COMMUNICATIONS NETWORK APPLICATION
LICENSED PROGRAM SPECIFICATIONS

The Licensed Program Specifications describe the warranted specifications of the licensed program and identify the specified operating environment. This flyer is distributed to license holders of VM/VCNA.

Flyer
////5735-RC5

GC28-0991

VS2 MVS SU64 SCP SPECIFICATIONS

Specifications provide information on the warranted functions of the licensed program.
Flyer, 8 1/2 x 11 inches, 2 pages, 12/78

GC28-1001

OS/VS1 (VS1 AND MVS) EREP1 RELEASE 1.1 SPECIFICATIONS

The IFCEREP1 program is updated in support of the following products:

IBM Model 3380 Direct Access Storage Device
MVS Support of 4341
ACF/NCP/VS Releases 2.1 and 3.0 (5735-XX1)
3848 Cryptographic Unit
3262 Line Printer
ACF/VTAM Entry (5746-RC7)

Flyer, 8 1/2 x 11 inches, 1 page, 5/80

GC28-1014

OS/VS1 & OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT, LIC PROG 5740-XY6, SPECIFICATIONS

This publication provides the warranty statement for the OS/VS1 and OS/VS2 MVS Cryptographic Unit support program product.

Manual, 8 1/2 x 11 inches, 4 pages, 1/80
////5740-XY6

SC27-0510

VIRTUAL MACHINE/VTAM COMMUNICATIONS NETWORK APPLICATION
MESSAGES

This publication describes the messages issued by VM/VCNA. The manual is written for terminal operators, system console operators, and system programmers. The messages are arranged in alphabetic order by their message identifiers. Each VM/VCNA message described in this manual contains an explanation, system action, a programmer response, and operator response.

Manual, 8 1/2 x 11 inches, 40 pages, 07/80
////5735-RC5

SC27-0584

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM, LIC PROG 5746-RC3, 5746-RC2, PLANNING AND INSTALLATION REFERENCE RELEASE 3

This manual is for customer system programmers and installation managers. It provides detailed planning and reference information on:

- Installing ACF/VTAM on the system
- Network definition
- Defining session establishment and termination
- Providing exit routines and user replaceable modules
- Defining start options and procedures

It also introduces planning for work described in more detail in other IBM books:

- Operating procedures and documentation
- Problem determination procedures
- Application programming

A prerequisite to this publication is ACF/VTAM Concepts, GC27-0463.

Manual, 8 1/2 x 11 inches, 450 pages, 10/80
////5735-RC2,5746-RC3

GC28-1015

OS/VS1 AND OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT, LIC PROG 5740-XY6, GENERAL INFORMATION

This publication presents highlights of the OS/VS1 and OS/VS2 MVS Cryptographic Unit Support Program Product. It also describes system requirements, planning information, security, and operating considerations for the program product. It is intended for installation managers and system programmers responsible for planning the data security strategy for their installation. It is assumed that readers have a basic knowledge of OS/VS2 MVS.

Manual, 8 1/2 x 11 inches, 42 pages, 10/79
////5740-XY6,5740-AM8

GC27-6989

DOS/VS BTAM

This publication describes the Basic Telecommunications Access Method (BTAM) used with DOS/VS (Disk Operating System with Virtual Storage). BTAM provides the READ/WRITE level macro instruction for the assembler-language programmer who is implementing programs for telecommunications applications.

Included are macro instruction formats and descriptions and specific information on device-dependent considerations.
Manual, 440 pages
/C/30//5745-010

SC28-1016

OS/VS1 AND OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT LIC PROG 5740-XY6, INSTALLATION REFERENCE

This publication describes the concepts of the OS/VS1 and OS/VS2 MVS Cryptographic Unit Support program product. It also describes the installation process and operating considerations for this program product.

This publication is intended for:

- System programmers responsible for installing and tuning your installation's program products and for designing and writing application programs coded in Basic Assembler Language (BAL)
- Security administrators responsible for establishing, maintaining, and monitoring the security of your installation

Manual, 8 1/2 x 11 inches, 120 pages, 1/80
////5740-XY6

GC28-0708

OS/VS2 SYSTEM PROGRAMMING LIBRARY: DEBUGGING HANDBOOK, VOLUME 1

This publication provides reference information for use in debugging user or system programs. The user of this publication should have a working knowledge of OS/VS2 functions and logic.

Manual, 3 3/4 x 6 3/4, 359 pages, 11/78
//37//5752

GC28-1024

OS/VS2 MVS SYSTEM EXTENSIONS RELEASE 2, LIC PROG 5740-XE1, SPECIFICATIONS

This LPS describes the performance and function-oriented improvements to OS/VS2 MVS provided by OS/VS2 MVS/SYSTEM Extensions Release 2.

Flyer, 3 pages, 5/79
////5740-XE1

GC28-0709

OS/VS2 SYSTEM PROGRAMMING LIBRARY: DEBUGGING HANDBOOK, VOLUME 2

Describes the format of the data areas, and includes data areas frequently used in debugging.

Manual, 3 3/4 x 6 3/4 inches, 594 pages, 12/78
//37//5752

GC28-1025

VS2 MVS/SP GENERAL INFORMATION

This document contains a functional description and planning information for MVS/System Product Release 1, 2, and 3 and the Release 1 Enhancement. It is intended for installation managers, system programmers, and IEM personnel who are considering installing one of these products. Readers should have a background in OS/VS2 MVS.

Manual, 8 1/2 x 11 inches, 40 pages, 10/80
//20//5740-XY5,5740-XYN

GC28-0710

OS/VS2 SYSTEM PROGRAMMING LIBRARY: DEBUGGING HANDBOOK, VOLUME 3

Describes the format of the data areas, and includes data areas from N to Z that are frequently used in debugging.

Manual, 3 3/4 x 6 3/4 inches, 553 pages, 12/78
//37//5752

GC28-1027

OS/VS2 MVS AND STAND-ALONE VERSIONS: INPUT/OUTPUT CONFIGURATION PROGRAM, LIC PROG 5740-XYN, -XY5, USER'S GUIDE AND REFERENCE PROG

This publication is intended for system programmers and customer engineers who are responsible for defining, installing, and configuring the channels, control units, and I/O devices on the installation's processors. It describes both the MVS version and the stand-alone version of the input/output configuration program (ICCF).

Manual, 8 1/2 x 11 inches, 120 pages, 10/80
3081//30//

GC28-0729

OS/VS2 MVS RESOURCE ACCESS CONTROL FACILITY (RACF) VERSION 1 RELEASE 2 LIC PROG 5740-XXH, DESIGN OBJECTIVES

Describes the design objectives and provides the estimated availability date of the subject program.

Flyer, 8 1/2 x 11 inches, 2 pages, 12/76
////5740-XXH

GC28-1029

OS/VS2 MVS SYSTEM PROGRAM LIBRARY, LIC PROG 5740-XY5, -XYN INITIALIZATION AND TUNING GUIDE (CURRENT RELEASE)

This publication describes how to initialize and tune an OS/VS2 MVS system that includes MVS/System Product and how to get improved system performance. The publication,

GC28-0920

OS/VS2 MVS RESOURCE MANAGEMENT FACILITY (RMF) (CURRENT VERSION), LIC PROG 5740-XY4, SPECIFICATIONS

This document contains the warranty information for the RMF

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intended for system programmers and planners, includes storage management overview, system initialization, auxiliary storage management initialization, system resources management, and the use of GTF to trace sysevents. Manual, 8 1/2 x 11 inches, 384 pages, 3/80 //34//5740-XYN,5740-YS

Areas Program Number 5740-XY5 or OS/VS2 MVS/System Product JES3 Release 2 Data Areas Program Number 5740-XYN. Manual, 8 1/2 x 11 inches, 12/80 //37//5740-XYN,5740-YS

GC28-1030

OS/VS2 MVS SYSTEM PROGRAM LIBRARY, LIC PROG 5740-XY5, -XYN SYSTEM MANAGEMENT FACILITIES (SMF)

This publication helps installation managers and system programmers to plan for, install, and use System Management Facilities (SMF) in an OS/VS2 MVS system that includes MVS/System Product (program number 5740-XYN).

This publication describes the basic SMF functions and the relationship of SMF to the operating system and to user-written exit routines. It also explains how to include user-written exit routines; the additional storage required by SMF; how to switch and dump the SMF data sets; how to plan, write, and test exit routines; and when each SMF record is written and the information it contains. Manual, 8 1/2 x 11 inches, 292 pages, 3/80 //34//5740-XYN,5740-YS

GC28-1049

OS/VS2 SYSTEM PROGRAMMING LIBRARY DEBUGGING HANDBOOK VOLUME 3, SUPPORT: OS/VS2 MVS/SYSTEM PRODUCT, LIC PROG 5740-XYN, -XY5 (CURRENT RELEASE)

This handbook provides reference information for use in debugging user or system programs run on OS/VS2 MVS Release 3.8 with either OS/VS2 MVS/System Product JES3 Release 2 or OS/VS2 MVS/System Product JES2 Release 2 installed.

Volume 3 provides the format and other debugging information for data areas that begin with N through Z. The data areas in this publication are those considered critical for debugging purposes. For a more complete set of data areas see: OS/VS2 MVS/System Product JES2 Release 2 Data Areas Program Number 5740-XY5 or OS/VS2 MVS/System Product JES3 Release 2 Data Areas Program Number 5740-XYN. Manual, 8 1/2 x 11 inches, 12/80 //37//5740-XYN,5740-YS

GC28-1031

OPERATOR'S LIBRARY, OS/VS2 MVS SYSTEM COMMANDS, LIC PROG 5740-XYN, -XY5 (CURRENT RELEASE)

This publication describes the system functions and commands used by a system console operator in running a System/370 under OS/VS2 MVS. The publication is intended for computer operators and system programmers responsible for controlling the system.

The publication contains much of the same information as GC38-0229, but it has been reorganized and rewritten in support of MVS/System Product. Manual, 8 1/2 x 11 inches, 300 pages, 5/80 //40//5740-XYN,5740-YS

GC28-6487

DOS/VS COBOL COMPILER AND LIBRARY, LIC PROG 5746-CB1, -IM4 SPECIFICATIONS (CURRENT RELEASE)

This Program Product Design Objectives (FPDC) describes the design objectives and provides the estimated availability date of the subject Program Product.

Flyer, 8 1/2 x 11 inches, 6 pgs, 8/77 //5746-CB1,5746-IM4

GC28-1042

OS/VS2 MVS/SYSTEM PRODUCT-JES3, LIC PROG 5740-XY5 (CURRENT RELEASE), SPECIFICATIONS

This document contains a brief description of the contents of MVS/System Product - JES3 Release 1 and its warranty statement.

Flyer, 4 pages //20//5740-XYN

GC28-6762

OS/MVT AND OS/VS2 TSC TERMINALS MANUAL

This publication describes how to use the terminals supported by the Time Sharing Option (TSO) under the OS/MVT and OS/VS2 configurations of the Operating System (OS). It is intended for all TSC terminal users. The operation and characteristics of the following terminals in a TSO environment are discussed:

- o IBM 2741 Communication Terminal
- o IBM 1052 Printer-Keyboard
- o Teletype* Model 33
- o Teletype* Model 35
- o IBM 2260 Display Station
- o IBM 2265 Display Station
- o IBM 3270 Information Display System

*Trademark of Teletype Corporation

The publication is divided into independent sections; each describes one type of terminal.

An appendix describes the LOGOFF, LOGON, PROFILE, and TERMINAL commands that a user issues to control his terminal session.

Manual, 60 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

GC28-1043

OS/VS2 MVS/SYSTEM PRODUCT-JES2, LIC PROG 5740-XYN (CURRENT RELEASE), SPECIFICATIONS

This document contains a brief description of the contents of MVS/System Product - JES2 Release 1 and its warranty statement.

Flyer, 4 pages //20//5740-XY5

GC28-1046

OS/VS2 SYSTEM PROGRAM LIBRARY: SUPERVISOR, LIC PROG 5740-XYN, -XY5

This publication describes supervisor facilities that are used by the system programmer. The topics described are: Subtask Creation and Control Program Management Resource Control (Includes Global Resource Serialization) Program Interruption, Recovery/Termination, and Dumping Services Virtual Storage Management Real Storage Management Inter-Address Space Communication (Includes Cross Memory) Miscellaneous Services

Included are the macro instruction needed to use these facilities. This publication supports MVS/System Product Release 2. Manual, 8 1/2 x 11 inches, 400 pages, 12/80 //36//5740-XYN,5740-YS

GC28-6888

FORTRAN INTERACTIVE DEBUG FOR OS (TSO) AND VM/370 (CMS) PROGRAM PRODUCT SPECIFICATIONS

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product. Flyer, 8 1/2 x 11 inches, 2 pages, 11/72 //5734-F05,5734-F05

GC28-1047

OS/VS2 SYSTEM PROGRAMMING LIBRARY: DEBUGGING HANDBOOK VOLUME 1, MVS/SYSTEM PRODUCTS, LIC PROG 5740-XYN, -XY5

This handbook provides reference information for use in debugging user or system programs. It is intended for system programmers who are involved with debugging MVS system problems. The user of this publication should have a working knowledge of OS/VS2 functions and logic.

Manual, 8 1/2 x 11 inches, 370 pages, 11/80 //37//5740-XYN,5740-YS

GC30-2050

ADVANCED COMMUNICATIONS FOR TCAM, LIC PROG 5735-RC1, GENERAL INFORMATION

This publication introduces Advanced Communications Function for the Telecommunications Access Method (ACF/TCAM). This program product supports IBM's System Network Architecture (SNA) and operates with OS/VS1, Multiple Virtual Storage (MVS), or Single Virtual Storage (SVS). This manual is for persons requiring a general knowledge of ACF/TCAM: data processing managers, system programmers, and application programmers. It describes how ACF/TCAM operates with an IBM 3704 or 3705 Communications Controller in network control mode.

ACF/TCAM can operate with an IBM 2701 Data Adapter Unit, an IBM 2702 or 2703 Transmission Control Unit, an IBM 7770 Audio Response Unit, or with an IBM 3704 or 3705 in emulation mode. The reader who plans to use ACF/TCAM with any of these control units or with the emulation program should refer to the OS/VS TCAM Concepts and Facilities, GC30-2042, for information on:

- o Line control
 - o Invitation and selection of terminals
 - o Polling and addressing
 - o Error-recovery procedures.
- Advanced Communications Function for TCAM General Information includes information on:
- o Basic ACF/TCAM concepts, such as buffering and queuing
 - o How ACF/TCAM and NCP/VS operate in a teleprocessing network
 - o SNA sessions and SNA support
 - o How ACF/TCAM operates in a multiple-domain network
 - o The message control program and message handlers
 - o Use of the Time Sharing Option (TSO) in a TSO-only and

GC28-1048

OS/VS2 SYSTEM PROGRAMMING LIBRARY DEBUGGING HANDBOOK VOLUME 2 SUPPORT: OS/VS2 MVS/SYSTEM PRODUCT, LIC PROG 5740-XYN, -XY5

This handbook provides reference information for use in debugging user or system programs run on OS/VS2 MVS Release 3.8 with either OS/VS2 MVS/System Product JES3 Release 2 or OS/VS2 MVS/System Product JES2 Release 2 installed.

Volume 2 provides the format and other debugging information for data areas that begin with A through M. The data areas in this publication are those considered critical for debugging purposes. For a more complete set of data areas see: OS/VS2 MVS/System Product JES2 Release 2 Data

GC30

TSO/TCAM mixed environment

- o Design consideration for application programs
- o Network control using application-program macros and operator commands
- o TCAM's service facilities: online tests, operator control, checkpoint/restart, and debugging aids
- o Hardware configurations supported

Migration considerations.
Manual, 8-1/2 x 11 inches, 90 pgs, 10/76
///5735-RC1

design, install, or maintain a data communication system that uses ACF/TCAM. The application programmer can also use the manual to understand the context in which ACF/TCAM application programs execute.
Manual, 8 1/2 x 11 inches, 92 pgs, 12/77
///5735-RC1

GC30

GC30-3024

IBM 3650 SUBSYSTEM PROGRAM PREPARATION SUPPORT - APPLICATION PROGRAMMER'S GUIDE, SCP 5747-BJ2 & 5744-BQ2

This manual is for systems analysts and application programmers who use Subsystem Program Preparation Support (SPPS) to design and code user unique applications for the IBM 3650 Retail Store System. Subsystem Program Preparation Support consists of an assembler language subset and a group of macros for coding applications, and the Transformation Definition Language (a declarative language used for defining data transfer between the IBM 3651 Subsystem Controller and an IBM 3275 Information Display Station).

Detailed specifications for the macros, the Transformation Definition Language, and the translator for the Transformation Definition Language are provided for the application programmer.
Manual, 300 pages
//30//5744-BQ2,5747-BJ2

GC30-3033

INTRODUCTION TO ADVANCED COMMUNICATIONS FUNCTION

Provides an introductory description of the types of data communication network configurations that are supported by the three principal programming components of Advanced Communications Function: ACF/VTAM (Advanced Communications Function for Virtual Telecommunications Access Method), ACF/TCAM (Advanced Communications Function for Telecommunications Access Method), and ACF/NCP/VS (Advanced Communications Function for Network Control Program/Virtual Storage). This publication (1) explains the concepts of single-domain networks, and networking; (2) summarizes the capabilities and functions of Release 2 of ACF/VTAM, Version 2 Release 2 of ACF/TCAM, and Release 2 of ACF/NCP/VS; (3) explains the further capabilities and functions provided by Release 3 of ACF/VTAM, Version 2 Release 3 of ACF/TCAM, and Release 3 of ACF/NCP/VS; (4) lists the communication systems and stations supported by the program products listed in (3); (5) contains some preinstallation planning considerations for users intending to install or upgrade a network based on the IBM Systems Network Architecture (SNA); and (6) contains a glossary of terms and abbreviations used in describing SNA-based networks.

Manual, 8 1/2 x 11 inches, 56 pages, 10/76
///5735-RC3,5735-RC2,5735-XX1,5746-RC3

GC30-3035

3650 RETAIL STORE SYSTEM PROGRAMMER'S GUIDE REL 3.0 AND 3.1

This publication is a guide for the programmer of the IBM 3650 Retail Store System. It supports both Release 3.0 and 3.1 of the IBM 3650 Retail Store System. It describes the retail environment and the communication network to the host IBM System/370 virtual storage computer.

It is written primarily for the system programmer responsible for the complete host and store system, as well as for the IBM system engineer and field engineering programming support representative who may assist in its installation and maintenance. Also, the store training staff may find it helpful in understanding more about the retail store system functions. The major areas of this manual includes a review of the sales, administrative, and ticketing functions of the retail store system, how the user may add his own programming at the store controller to create a set of functions uniquely fitted to his store environment, and how to recognize and diagnose errors in the system.

This manual tells how to use the programming support available to the retail store system. It emphasizes ways of installing, operating, and maintaining the whole system. It suggests means by which the programmer can coordinate the operation of the system through subsystem definition, user programming, operating procedures, and error diagnosis. As a guide, it is not complete in itself but organizes this information and leads the user to other reference sources available in the retail store system library and IBM System/370 publications.

Manual, 8 1/2 x 11 inches, 512 pages, 3/77
//30//5747-BJ3,5744-BQ3

GC30-3049

ADVANCED COMMUNICATIONS FUNCTION FOR TCAM CONCEPTS AND PLANNING

This publication provides an overview of Advanced Communications Function for the Telecommunications Access Method (ACF/TCAM). The ACF/TCAM program product supports IBM's systems network architecture (SNA) and operates with OS/VS1, Multiple Virtual Storage (MVS), and Single Virtual Storage (SVS). All information in this manual pertaining to multiple-domain configurations and cross-domain operations applies to ACF/TCAM systems with the Multisystem Networking Facility. The manual is directed primarily to data processing managers and the system programmers who will

GC30-3057

ACF/TCAM, VERSION 2 GENERAL INFORMATION: INTRODUCTION RELEASE 3, LIC PROG 5735-RC3

This publication provides an overview of Advanced Communications Function for the Telecommunications Access Method (ACF/TCAM), Version 2, Releases 1, 2, and 3. The ACF/TCAM program product supports IBM's Systems Network Architecture (SNA) and operates with OS/VS1 and OS/VS2 MVS. The manual describes ACF/TCAM's operation using an IBM network control program (either NCF/VS, Version 5 - for single-domain networks or ACF/NCP/VS - for multiple-domain networks) in an IBM 3705 Communications Controller. The manual is intended for data processing managers, their technical staff, and others who desire evaluative information on the product. The reader should be familiar with the basic concepts of data communication.

Manual, 35 pages
///5735-RC3

GC30-3058

ACF/NCP/VS NETWORK CONTROL PROGRAM SYSTEM SUPPORT PROGRAMS GENERAL INFORMATION

Provides a general introduction to the role of ACF/NCP/VS (Advanced Communications Function for Network Control Program/VS) in a data communication network and explains the purposes and advantages of Release 2 of ACF/NCP/VS.

ACF/NCP/VS is a licensed program product that is executed in an IBM 3705 Communications Controller. The program performs many functions relating to transmission of data over communication lines, including routing of message traffic through the network; activating, deactivating, and monitoring resources in the network (such as lines and stations); performing error recovery actions; translating message data from processing code to transmission code, and vice versa; and establishing operating parameters such as timeouts.

Each user of ACF/NCP/VS defines the configuration and operational requirements of his network in program generation statements, then generates the ACF/NCP/VS from a library of IBM-supplied modules. The user then loads the generated program into the communications controller that is to execute the program.

Release 2 of ACF/NCP/VS provides capabilities beyond those available in Release 1 that can assist the user in optimizing the management, control, and flexibility of the network.

This publication is directed to data processing managers and data communication network designers intending to install or upgrade an ACF/NCP/VS-based network or to consolidate existing networks.

Prerequisite to use of this publication is a general knowledge of data communication.

Manual, 8 1/2 x 11 inches, 96 pages, 10/78
///5735-XX3,5735-XX1

GC30-3064

3770 REMOTE JOB ENTRY (RJE) SYSTEM NETWORK ARCHITECTURE (SNA) INSTALLATION GUIDE

Provides a general description (1) the Network Control Program (NCP) macros, (2) the Remote Job Entry (RJE) parameters, and (3) the System Network Architecture (SNA) commands required to generate the programs used when the 3770 Data Communication System is installed. The IBM 3770 Data Communication System consists of multipurpose keyboard/printer terminals (fixed-function or programmable) and attachable I/O devices.

This publication emphasizes the NCP macros, RJE parameters, and SNA commands that affect the installation and performance of the 3776 and 3777 Communication Terminals. The publication is written for system programmers, IBM system engineers, and IBM customer engineers who have a thorough understanding of the SNA environment in which the 3770 Data Communication System operates.

The purpose of this publication is to assist the reader in installing the 3770 Data Communication System and one of the RJE subsystems in an SNA environment. The RJE parameters described are for the Remote Entry Services subsystem, the Job Entry subsystem, and the POWER subsystem. The information provided is intended to supplement, not replace, the existing documentation for each subsystem and program described. The publication also contains a sample MVS/JES2 system generation.

Manual, 8 1/2 x 11 inches, 300 pages, 2/80
//38/3770,3771,3773,3774,3775,3776,3777/

GC30-3072

SYSTEMS NETWORK ARCHITECTURE: CONCEPTS AND PRODUCTS

Introduces the IBM Systems Network Architecture to individuals who need to acquaint themselves with its benefits, its concepts, and the IBM products that are designed for use in SNA networks.

This is the basic publication about Systems Network Architecture (SNA) for managers, system designers, and others involved in making decisions about planning or

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implementing distributed data processing within an organization.

This publication is not a primer on data communication. Although no specific prerequisite reading is suggested, readers of this book are assumed to be familiar with the concepts of data communication through experience with managing, operating, or using data communication systems. Manual, 8 1/2 x 11 inches, 136 pages, 1/81
3031,3032,3138,3148,3195,3115,3033,3155,3165,
3145,3135,3158,3168,3125,4331,4341,3081/C/30//

SC30-3115

ACF/TAP USER'S GUIDE (ADVANCED COMMUNICATION FUNCTION/TRACE ANALYSIS PROGRAM) SSP 6 - 5735-XX3

The Advanced Communications Function Trace Analysis Program User's Guide, SC30-3115, describes how to use the Advanced Communications Function Trace Analysis Program (called ACF/TAP), which is an IBM service aid that increases the usefulness of trace data by providing:

- A common trace analysis facility for ACF/VTAM, ACF/TCAM, and ACF/NCP trace data.
- Output reports that show SNA and SDLC network trace data in formats that are easy to read and understand.

This publication has two purposes, each independent of the other:

- It describes how to use ACF/TAP.
- It provides a general overview of ACF/TAP maintenance information.

This user's guide is for IBM Customer Engineers, Program Support Representatives, and Systems Engineers who use ACF/TAP to provide hardware and program maintenance for customer data communication networks. It is also for IBM personnel who provide program maintenance on ACF/TAP.

A general knowledge of traces, SNA (SDLC and networking), VTAM or TCAM access methods, and communications controllers is a prerequisite for using ACF/TAP. This publication has no prerequisite manuals.

Manual, 8 1/2 x 11 inches, 100 pgs, 10/76
////5735-XX3,5735-XX1,5735-XX2,5735-RC1,5735-RC2,5735-RC3

SC30-3116

ACF/NCP/VS, LIC PROG 5735-XX1, -XX3 GENERATION AND UTILITIES REFERENCE (CURRENT RELEASE)

Provides the information necessary to (1) define and generate an ACF/NCP/VS for an IBM 3705 Communications Controller (under OS/VS and DOS/VS); (2) load the program into the controller; and (3) dump the contents of controller storage.

The ACF/NCP/VS can perform two major categories of functions: network control functions and emulation functions. Network control functions control the transmission of data between the access method (TCAM, ACF/TCAM, VTAM, ACF/VTAM) in the host processor and the SDLC (synchronous data link control), start-stop, and binary synchronous stations of a data communications network. Emulation functions enable the controller to operate as an IBM 2701, 2702, or 2703 transmission control unit, or any combination of the three, for transmission of data between the host processor and start-stop and/or binary synchronous stations. The user may generate an ACF/NCP/VS to include network control functions only, or both network control and emulation functions.

(This publication may also be used to generate a stand-alone emulation program to be executed in an IBM 3704 or 3705 Communications Controller.)

This publication is directed to the systems analyst or systems programmer responsible for defining and generating an ACF/NCP/VS and loading it into a 3705 communications controller.

The chapters of this book:

- Introduce the ACF/NCP/VS and summarize the content of the book.
- Describe the characteristics of the data communications network (including SDLC, binary synchronous, and start-stop stations) and the program options that must be considered when defining a program.
- Give the macro instructions necessary to code a program tailored to a specific installation.
- Describe the program generation procedure.
- Explain how to use the loader and dump utility programs under both OS/VS and DOS/VS.

The appendixes list the data communications devices with which the communications controllers can communicate using ACF/NCP/VS (and the emulation program), explain diagnostic messages related to the generation, loading, and dump procedures, and provide other relevant information about the program options.

Prerequisite to use of this publication is a basic understanding of data communications and data communications access methods. A general knowledge of the purposes of the communications controllers may be obtained from the Introduction to the IBM 3704 and 3705 Communications Controllers (GA27-3051).

Manual, 8 1/2 x 11 inches, 700 pgs, 9/77
////5735-XX3,5735-XX1

SC30-3117

ADVANCED COMMUNICATIONS FUNCTION FOR TCAM, LIC PROG 5735-RC1, SYSTEM PROGRAMMER'S GUIDE

This book is for users of the telecommunications access method (TCAM). It is a coding guide for the system programmer who must construct or modify a TCAM message control program (MCP) supporting IBM's Advanced Communications Function (ACF). It explains how to write an ACF/TCAM MCP using assembler language coding conventions and

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how to use a variety of auxiliary service facilities. This book contains information that might be of use in planning and setting up a data communication system incorporating ACF/TCAM and systems network architecture (SNA). The reader is expected to be familiar with ACF/TCAM Concepts and Planning (GC30-3049) and to have a basic understanding of SNA.

Manual, 8 1/2 x 11 inches, 688 pgs, 12/77
////5735-RC1

SC30-3118

ADVANCED COMMUNICATIONS FUNCTION FOR TCAM MACRO REFERENCE GUIDE

This publication is a reference guide that contains detailed information on the macro instructions used with the Advanced Communications Function for TCAM (ACF/TCAM) with direct network control program/virtual storage (NCP/VS) support. It includes the ACF/TCAM and TSO macro instructions, the message error record, internal and transmission code charts, and macro return codes. This manual is for a system programmer who is thoroughly familiar with the ACF/TCAM System Programmer's Guide and is ready to code a message control program (MCP). It is essential that the user refer to the ACF/TCAM System Programmer's Guide for a functional explanation of ACF/TCAM; this book is not tutorial and contains only a lower-level explanation of the macros with specific operand-coding considerations. The reader should also be familiar with the contents of the ACF/TCAM Installation and Migration Guide, the ACF/TCAM Concepts and Planning manual, and the ACF/TCAM Application Programmer's Guide. The reader is also assumed to have basic understanding of systems network architecture (SNA).

Manual, 8 1/2 x 11 inches, 444 pgs, 12/77

////5735-RC1

SC30-3119

ADVANCED COMMUNICATIONS FUNCTION FOR TCAM APPLICATION PROGRAMMERS GUIDE

This guide is intended for the application programmer whose programs will communicate with local or remote stations or other application programs via ACF/TCAM. It provides the information needed by an application programmer to ensure that his program will interface with ACF/TCAM. This guide does not contain any ACF/TCAM MCP programming information except that which is necessary to fully understand the interface between an ACF/TCAM MCP and an ACF/TCAM application program.

Manual, 8 1/2 x 11 inches, 162 pgs, 11/77
////5735-RC1

SC30-3120

ADVANCED COMMUNICATIONS FUNCTION FOR ACF/TCAM MESSAGES OS/VS PROGRAM PRODUCT 5735-RC1

This publication contains the system messages applicable to ACF/TCAM. Users of ACF/TCAM can use these pages to replace the corresponding section of their system messages book.

Manual, 8 1/2 x 11 inches, 104 pgs, 12/77
////5735-RC1

SC30-3121

ADVANCED COMMUNICATION FUNCTION FOR TCAM, LIC PROG 5735-RC1, INSTALLATION AND MIGRATION GUIDE

This publication provides a general description of the concepts you should be familiar with to install or migrate to an ACF/TCAM system. Its purpose is to help reduce the time required to migrate to or install an ACF/TCAM controlled data communication network. More detailed information about the concepts and topics discussed in this Guide is provided in other publications in the ACF/TCAM library. The primary reference source, however, is the ACF/TCAM System Programmer's Guide.

This Guide is intended for systems programmers and IBM systems engineers who have a thorough knowledge of operating systems as well as experience in how to install a TCAM system. It is organized in four chapters and four appendixes as follows:

"Chapter 1. Introduction" summarizes the ACF/TCAM functions for single-domain and for multiple-domain networks. It also provides a general description of Systems Network Architecture and ACF/TCAM as well as the ACF/TCAM Multisystem Networking Facility. An understanding of the information contained in this chapter is required to construct a data communication network controlled by ACF/TCAM.

"Chapter 2. ACF/TCAM Installation Guidelines" describes the channel and device configurations of a sample multiple-domain network that utilizes the program examples described in Chapter 3.

"Chapter 3. Sample Program Descriptions" contains the descriptions of two message control programs, three network control programs and five application programs that are used in the sample multiple-domain network configuration described in Chapter 2. The source listings for these programs are in Appendix D.

"Chapter 4. Migration" contains a summary of ACF/TCAM migration considerations for single-domain and multiple-domain networks. This chapter also describes the changes required for current TCAM systems to migrate to an ACF/TCAM system.

"Appendix A. Macros Required to Define and ACF/TCAM Message Control Program" describes the new or modified macros used to define an ACF/TCAM message control program.

"Appendix B. Macro Changes for OS/VS TCAM and ACF/TCAM

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Releases" describes, in chart form, the TCAM macros and operands for TCAM release 5F through ACF/TCAM. This information may be used as a migration aid. It identifies the differences in the macros and their operands between one release of TCAM and another.

*Appendix C. Storage Estimates" describes the storage requirements for an ACF/TCAM message control program.

*Appendix D. Program Listings" contains the source listings for the sample message control programs, network control programs and the application programs used in the sample network configuration described in Chapter 2. The source listings represent executable examples of the program definition directions described in the ACF/TCAM library of manuals. These programs may be used as patterns when you code your message control program, or they can be installed with the appropriate modifications to make them match your hardware configuration. The descriptions of the sample programs are in Chapter 3. The JCL associated with the MCPs and the application programs are also in this Appendix. Manual, 8 1/2 x 11 inches, 100 pgs, 12/77
 ///5735-RC1

SC30-3122

ADVANCED COMMUNICATION FUNCTION FOR TCAM, LIC PROG 5735-RC1, DEBUGGING GUIDE

This manual can be used three ways: as a source of hints for originally coding the ACF/TCAM message control program (MCP) in a manner that facilitates the detection, handling, and diagnosis of error conditions that occur while the ACF/TCAM network is running; as an aid in diagnosing certain problems that occur due to incorrect coding of MCP macros; and as a guide to the selection and running of ACF/TCAM diagnostic aids that facilitate troubleshooting and debugging in a running ACF/TCAM network that is experiencing trouble.

Manual, 8 1/2 x 11 inches, 224 pgs, 12/77
 ///5735-RC1

SC30-3123

ADVANCED COMMUNICATIONS FUNCTION FOR TCAM, PROG PROD 5735-RC1, OPERATORS GUIDE

Program No. 5735-RC1 with base feature No. 9001 and networking feature No. 6008. This manual describes the ACF/TCAM operator control commands and how these commands are used to control and monitor ACF/TCAM networks. It is primarily a comprehensive reference for an experienced OS/VS system operator who has been designated as the ACF/TCAM operator. System programmers and application programmers may also occasionally use this manual.

This manual contains five chapters. Chapter 1 briefly reviews some telecommunications concepts pertaining to ACF/TCAM and then describes the physical and logical elements of both single- and multiple-domain ACF/TCAM networks. Chapter 2 describes how to format and enter operator commands and how to respond to ACF/TCAM reply messages to operator commands. Chapter 3 describes the operator commands, including an explanation of the function of the commands and their operands. Chapter 4 is a summary of the operator commands. Chapter 5 lists the message number and text for messages that the operator is likely to receive after entering one of the operator commands. Manual, 8 1/2 x 11 inches, 140 pgs, 12/77
 ///5735-RC1

SC30-3124

ADVANCED COMMUNICATIONS FUNCTION FOR TCAM AND NCP (ACF/TCAM - NCP), LIC PROG 5735-RC1, -XX1, -XX3, BIBLIOGRAPHY AND MASTER INDEX

This publication is a centralized guide to information contained in the ACF/TCAM and ACF/NCP/VS libraries. It also introduces Data Processing Division (DP) publications and self-study courses that may be used to supplement the information found in the library manuals.

This bibliography and master index is intended for the use of anyone who will plan, install, program, operate, or debug a data communication system that uses ACF/TCAM and ACF/NCP/VS. It should be especially helpful to system programmers who must code (1) a TCAM message control program, message handler, or application program and/or (2) a network control program for the IBM 3705 Communications Controller.

Manual, 8 1/2 x 11 inches, 132 pages, 3/78
 ///5735-RC1,5735-XX1,5735-XX3

GC30-3131

ACF/TCAM, VERSION 2 GENERAL INFORMATION: FUNCTIONAL DESCRIPTION

This publication provides an overview of Advanced Communications Function for the Telecommunications Access Method, (ACF/TCAM), Version 2, Release 1. The ACF/TCAM program product supports IBM's Systems Network Architecture (SNA) and operates with OS/VS1 and OS/VS2 MVS. All information in this manual pertaining to multiple-domain configurations and cross-domain operations applies to ACF/TCAM networks with the Multisystem Networking Facility (an optional feature). The manual describes ACF/TCAM's operation, in accordance with SNA, using an IBM 3705 Communications Controller loaded with either of the following IBM network control programs:

- NCP/VS, Version 5, can be used for single-domain networks only
- ACF/NCP/VS, Releases 1 and 2, can be used for both single and multiple domain networks.

The manual is directed primarily to data processing managers and system programmers who will design, install, or maintain a network that uses ACF/TCAM; application programmers can also use the manual to understand the context in which ACF/TCAM application programs execute. Manual, 8 1/2 x 11 inches, 90 pages, 5/79
 ///5735-RC3

SC30-3132

ACF/TCAM, VERSION 2 BASE INSTALLATION GUIDE, LIC PROG 5735-RC3

This book is for users of the telecommunications access method (TCAM). It is a reference guide for the system programmer who must construct or modify a TCAM message control program (MCP) supporting IEM's Advanced Communications Function (ACF), Version 2. It explains how to write an MCP for an ACF/TCAM base system using assembler language coding conventions and how to use a variety of auxiliary service facilities. This book contains information that might be of use in planning and setting up a data communication system incorporating ACF/TCAM, Version 2 and Systems Network Architecture (SNA). The reader is expected to be familiar with ACF/TCAM Functional Description (GC30-3131) and to have a basic understanding of SNA.

Manual, 8 1/2 x 11 inches, 614 pages, 10/80
 ///5735-RC3

SC30-3133

ACF/TCAM RELEASE 1 VERSION 2, LIC PROG 5735-RC3, INSTALLATION REFERENCE

This publication is a reference publication that contains detailed information on the macro instructions used with the Advanced Communications Function for the Telecommunications Access Method (ACF/TCAM) with direct network control program/virtual storage (NCP/VS) support. This program product supports IBM's Systems Network Architecture (SNA) and operates with OS/VS1 and OS/VS2 Multiple Virtual Storage (MVS).

This manual is for a system programmer who is thoroughly familiar with the ACF/TCAM Installation Guide and is ready to code an MCP. It is essential that the user refer to the ACF/TCAM Installation Guide for a functional explanation of ACF/TCAM; this book is not tutorial and contains only a deleted explanation of the macros with specific operand-coding considerations.

Manual, 8 1/2 x 11 inches, 840 pages, 10/79
 ///5735-RC3

SC30-3134

ACF/TCAM, VERSION 2 INSTALLATION: SAMPLE PROGRAMS, LIC PROG 5735-RC3 RELEASE 1

Describes the ACF/TCAM sample programs (including MCPs, NCPs, and applications) and model MCPs. It is intended to reduce the time required for a system programmer to design and install ACF/TCAM.

Prerequisite publications are ACF/TCAM, Version 2 Functional Description, SC30-3131-0 and ACF/TCAM, Version 2 Installation Guide, SC30-3132-0. Manual, 8 1/2 x 11 inches, 528 pages, 9/79
 ///5735-RC3

SC30-3135

ACF/TCAM VERSION 2, LIC PROG 5735-RC3 ASSET ASSIGNMENTS 9001 AND 6003, MVS 5752 TC221, VS1 5741 TC221, APPLICATION PROGRAMMING

This manual is intended for the application programmer whose programs communicate with channel-attached or link-attached stations, or application programs via ACF/TCAM. The ACF/TCAM Application Programming manual provides the information needed by an application programmer to ensure that his application program interfaces with ACF/TCAM. The ACF/TCAM MCP programming information in this manual is introductory and the information allows the application programmer to fully understand the interface between an ACF/TCAM MCP and an ACF/TCAM application program.

Manual
 ///5735-RC3

SC30-3136

ACF/TCAM VERSION 2 OPERATION ASSET ASSIGNMENT 9001 AND 6003 MVS 5752-TC221 VS1 5741-TC221

This publication describes the ACF/TCAM operator commands and details their use in controlling and monitoring an ACF/TCAM network. It is primarily a comprehensive reference for an experienced OS/VS system operator who has been designated as an ACF/TCAM operator. System programmers and application programmers may also need to refer to it occasionally. And, although this is essentially a reference publication, its organization, from general to specific, enables the reader to use it tutorially.

Prerequisite Publication: ACF/TCAM, Version 2 General Information: Functional Description, GC30-3131. Manual, 8 1/2 x 11 inches, 265 pages
 ///5735-RC3

SC30-3137

ACF/TCAM, VERSION 2: DIAGNOSIS, LIC PROG 5735-RC3

This manual can be used three ways: as a source of hints for originally coding the ACF/TCAM message control program (MCP) in a manner that facilitates the detection, handling,

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and diagnosis of error conditions that occur while ACF/TCAM is running; as an aid in diagnosing certain problems that occur due to incorrect coding of MCP macros; and as a guide to the selection and running of ACF/TCAM diagnostic aids that facilitate troubleshooting and debugging in an ACF/TCAM that is experiencing trouble.
Manual, 8 1/2 x 11 inches, 315 pages, 5/79
////5735-RC3

SC30-3138

ACF/TCAM VERSION 2, SERVICE FACILITIES, SYSTEM SERVICE PROGRAMS AND UTILITIES ACF/TCAM 5735-RC3; VSI 5741-TC221; MVS 5752-TC221

This publication describes the ACF/TCAM service facilities, system service programs, and utilities, all of which are auxiliary routines designed to help the message control program (MCP) in directing message traffic through the network.

ACF/TCAM service facilities include checkpoint/restart, dynamic accounting, security and authorization, message logging, and startup/restart message generation. Among the ACF/TCAM system service programs are basic and extended operator control, online retrieval, save/restore message queues, internodal awareness, and internodal sequence number synchronization. ACF/TCAM utilities include the message queue data set preformatting utility (IEDQXA), COMEDIT print utility (IEDQXB), message queue data set dump utility (IEDQXC).

This publication includes explanations of these facilities and examples of procedures and techniques. It should be used as a reference for the system programmer responsible for the planning and coordination of a network with ACF/TCAM.

Manual, 8 1/2 x 11 inches, 150 pages, 4/79
////5735-RC3

SC30-3140

ACF/TCAM, VERSION 2 MESSAGES, LIC PROG 5735-RC3

This publication guides recipients of DKJ and IED system messages in establishing, maintaining, controlling and responding to an ACF/TCAM network. It is part of the OS/VS Message Library and contains:

- The DKJ and IED system messages applicable to ACF/TCAM
- Problem determination (Appendix A)
- Routing and descriptor codes (Appendix B)

This publication is intended for use by ACF/TCAM operators and programmers. The messages are listed in alphanumeric order, and each listing includes an explanation of the message as well as a statement of any resultant system action and any necessary programmer response and operator response. Users of ACF/TCAM may replace the corresponding section of their system messages book with these pages.

Manual, 8 1/2 x 11 inches, 270 pages, 5/79
////5735-RC3

SC30-3142

ACF/NCP/VS & SSP LIC PROG 5735-XX1, -XX3, INSTALLATION (CURRENT RELEASE)

This publication provides the information necessary to define and generate an Advanced Communications Function for Network Control Program/VS (ACF/NCP/VS) for the IBM 3705-I and 3705-II Communications controllers.

The publication is directed to system analysts and system programmers responsible for preparing an ACF/NCP/VS to be used in communicating with an IBM System/370 in which one or more of the following access methods are being executed: ACF/TCAM, ACF/VTAM, TCAM, and VTAM. Also in this publication is information on the partitioned emulation programming (PEP) extension to ACF/NCP/VS, which permits the 3705 to emulate the operation of an IBM 2701, 1702, or 2703 transmission control unit for specified communication lines. Stations on these lines communicate in emulation mode with application programs in the System/370 via BTAM, QTAM, TCAM, or equivalent access methods that can be used with the transmission control units mentioned. Prerequisite Publications: ACF/NCP/VS General Information manual (GC30-3058).

Manual, 8 1/2 x 11 inches, 474 pages, 5/79
////5735-XX1,5735-XX3

SC30-3143

ACF/NCP/VS & SSP LIC PROG 5735-XX1, -XX3, UTILITIES (CURRENT RELEASE)

This publication provides the information necessary to use the Advanced Communications Function Trace Analysis Program (called ACF/TAP), the OS/VS loader and dump utilities, and the DOS/VS loader and dump utilities. The Advanced Communications Function Trace Analysis Program (ACF/TAP) is an IBM service and that increases the usefulness of trace data by providing:

- A common trace analysis facility for ACF/VTAM, ACF/TCAM, and ACF/NCP trace data.
- Output reports that show SNA and SDLC network trace data in formats that are easy to read and understand.

The independent loader utility program is for use when you wish to load a local network control program into a communications controller before assigning the controller to the access method. An OS/VS and a DOS/VS version of the independent loader program are available.

The independent dump utility programs (OS/VS and DOS/VS) are used to dump the storage contents of a 3705 communications controller. The dynamic dump utility

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programs (OS/VS and DOS/VS) are used in emulation mode only to obtain dynamic dumps of storage or of the emulation trace table and to start the emulation mode line trace function.

This manual is for IBM customer engineers, program support representatives who use ACF/TAP and the loader and dump utilities to provide hardware and program maintenance for customer data communication networks.

A general knowledge of traces, SNA (SDLC and networking), VTAM or TCAM access methods, and communications controllers is a prerequisite for using ACF/TAP, the loader utilities, and the dump utilities. This publication has no prerequisite publications.

Manual, 8 1/2 x 11 inches, 162 pages, 5/79
////5735-XX1,5735-XX3

SC30-3145

ACF/NCP/VS & SSP LIC PROG 5735-XX1, -XX3, MESSAGES (CURRENT RELEASE)

The ACF/NCP/VS Network Control Program and Support Programs Messages publication is a reference book for messages issued by the following system support programs associated with Version 1, Release 2 of ACF/NCP/VS:

- The Advance Communications Function/Trace Analysis Program (ACF/TAP)
- The Independent Loader Utility, provided as an NCP system service program, under OS/VS
- The Dynamic Dump Utility, provided as an NCP system service program, under OS/VS (emulation mode only)
- The 3705 Communications Controller Assembler program (messages issued during stage 1 of NCP generation)
- The Independent Loader Utility, provided as an NCP system service program, under DOS/VS
- The Dynamic Dump Utility, provided as an NCP system service program, under DOS/VS
- The Independent Dump Utility, provided as an NCP system service program, under OS/VS and DOS/VS

This publication is provided for persons who operate, maintain, or generate an Advanced Communication Function Network control program.

Manual, 8 1/2 x 11 inches, 93 pages, 5/79
////5735-XX1,5735-XX3

SC30-3150

IMS/VS VERSION 1, PRIMER MASTER TERMINAL OPERATORS GUIDE - ACF/TCAM, LIC PROG 5735-RC3 MVS 5752-TC221

ACF/TCAM, Version 2, Release 2, supports the Primer subset of IMS/VS functions. This manual contains information that the master terminal operator (MTO) needs to operate a network of terminals connected to the Primer subset of IMS/VS functions via ACF/TCAM.

Manual, 8 1/2 x 11 inches, 134 pages, 04/80
////5735-RC3

SC30-3152

ACF/TCAM, VERSION 2 SUPPORT FOR IBM SUBSYSTEMS 5735-RC3; ASSET ASSIGNMENT NUMBERS 9007 and 6003 MVS 5752 TC221

Provides an overall view of the subsystems interface, describes how to code an MCP to operate with the subsystems interface, and describes how to operate a subsystem with ACF/TCAM. This book tells system programmers for IBM subsystems exactly what they must do in order to implement the ACF/TCAM subsystem interface.

IBM subsystems such as CICS, IMS/VS, and JES may use the ACF/TCAM subsystems interface as the single access method for their networks. This book describes the job control language, the coding in the MCP, how to initiate and terminate a session with a subsystem, the flow of messages to a subsystem, the basic operator control commands that are used, and the messages and codes that are obtained when running with the subsystems interface.

Prerequisite Reading:

ACF/TCAM Version 2, General Introduction: Functional Description, GC30-3131

ACF/TCAM, Version 2, Installation: Guide, GC30-3132

Manual, 8 1/2 x 11 inches, 60 pages, 2/80
////5735-RC3

SC30-3153

ACF/TCAM VERSION 2, NETWORKING INSTALLATION GUIDE, LIC PROG 5735-RC3, MULTISYSTEM NETWORKING FACILITY FEATURE 6003

This publication is a coding guide for the system programmer who must construct or modify an ACF/TCAM Version 2, Release 3, network with MSNF.

This publication contains: an overview of basic and extended networking, coding requirements for defining resources, routes, and message handlers in a network with MSNF, and information on operating and managing resources in a multiple domain network.

The ACF/TCAM Base Installation Guide, SC30-3132-1, is a prerequisite publication.

Manual, 8 1/2 x 11 inches, 396 pages, 11/80
////5735-RC3

SC30-3154

ACF/NCP/VS NETWORK CONTROL PROGRAM SYSTEM SUPPORT PROGRAM, VERSION 1, RELEASE 3, LIC PROG 5735-XX1, -XX3, INSTALLATION

This publication provides the information necessary to define and generate an Advanced Communications Function for Network Control Program/VS (ACF/NCP/VS) V1R3 for the IBM 3705-I and 3705-II Communications controllers.

The publication is directed to system analysts and

SC30

system programmers responsible for preparing an ACF/NCP/VS to be used in communicating with an IBM System/370 in which one or more of the following access methods are being executed: ACF/TCAM, ACF/VTAM, TCAM, and VTAM. Also in this publication is information on the partitioned emulation programming (PEP) extension operation of an IBM 2701, 2702, or 2703 transmission control unit for specified communication lines. Stations on these lines communicate in emulation mode with application programs in the System/370 via BTAM, QTAM, TCAM, or equivalent access methods that can be used with the transmission control units mentioned.

Prerequisite Publications: ACF/NCP/VS General Information Manual (GC30-3058)

Manual, 8 1/2 x 11 inches, 450 pages, 10/80

SC30-3156

ADVANCED COMMUNICATIONS FUNCTION NETWORK CONTROL PROGRAM/VS, LIC PROG 5735-XX1, DIAGNOSIS GUIDE

This manual contains information designed to help customer diagnosticians and IBM Program Service Representatives (PSRs) isolate and define problems in the Advanced Communications Function/Network Control Program for Virtual Storage systems (ACF/NCP/VS) Release 3. Its primary purpose is to help the reader interact with Level 1 of the IBM Support Center to get a fix for his problem. Procedures in the manual tell how to assure that the problem is with ACF/NCP/VS, how to use relevant information to describe the problem, how to gather appropriate documentation about the problem, and how to report the problem to the IBM Support Center.

Prerequisite publications include the ACF/NCP/VS General Information manual, (GC30-3058); and the ACF/NCP/VS Installation manual, (SC30-3154). Control Panel manual, (GA27-3087).

Manual, 8 1/2 x 11 inches, 120 pages, 5/81
 ///5735-XX1

SC30-3158

ADVANCED COMMUNICATIONS FUNCTION FOR NETWORK CONTROL PROGRAM/VS SYSTEM SUPPORT PROGRAMS FOR ADVANCED COMMUNICATIONS FUNCTION FOR NETWORK CONTROL PROGRAM/VS UTILITIES, LIC PROG 5735-XX1, -XX3

This publication provides the information necessary to use the Advanced Communications Function Trace Analysis Program (called ACF/TAP), the OS/VS loader and dump utilities, and the DOS/VS loader and dump utilities.

The Advanced Communications Function Trace Analysis Program (ACF/TAP) is an IBM service aid that increases the usefulness of trace data.

This manual is for IBM customer engineers, program support representatives who use ACF/TAP and the loader and dump utilities to provide hardware and program maintenance for customer data communication networks.

A general knowledge of traces, SNA (SDLC and networking), VTAM or TCAM access methods, and communications controllers is a prerequisite for using ACF/TAP, the loader utilities and the dump utilities. This publication has no prerequisite publications.

Manual, 8 1/2 x 11 inches, 174 pages, 10/80

GC30-9500

ADVANCED COMMUNICATIONS FUNCTION FOR TCAM (ACF/TCAM) WITH A FEATURE FOR MULTISYSTEM NETWORKING, DESIGN OBJECTIVES, PROG PROD 5735-RC1

This Program Product Design Objectives (PPDO) describes the design objectives and provides the estimated availability date of the subject Program Product. Advanced Communication Function for Team (ACF/TCAM) is an IBM Telecommunications Access Method program product. ACF/TCAM will be available for use in OS/VS1, OS/VS2, SVS, and OS/VS2 MVS system environments. ACF/TCAM is queued, general purpose teleprocessing access method, a component of IBM System Network Architecture (SNA) that controls the resources of a TCAM single domain network. A TCAM single domain network consists of a System/370 host processor, the host access method (ACF/TCAM), and the resources under control of that access method. Use of ACF/TCAM requires the concurrent installation of prerequisite TCAM system control Programming (SCP). This prerequisite SCP should only be installed by ACF/TCAM users.

FLYER, 8 1/2 x 11 inches, 6 pages, 9/76
 ///5735-RC1

GC30-9501

ADVANCED COMMUNICATIONS FUNCTION FOR NCP/VS (ACF/NCP/VS) DESIGN OBJECTIVES, PROG PROD 5735-XX1

This Program Product Design Objectives (PPDO) describes the design objectives and provides the estimated availability date of the subject Program Product. Advanced Communications Function for NCP/VS (ACF/NCP/VS), a Network Control Program/VS program product, when generated and loaded, executes in the 3705-I or 3705-II Communications Controller. Use of ACF/NCP/VS requires the concurrent installation of prerequisite NCP/VS system control programming (SCP). This prerequisite SCP should be installed only by ACF/NCP/VS users.

Flyer, 8 1/2 x 11 inches, 4 pages, 9/76
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GC30-9502

SYSTEM SUPPORT PROGRAMS FOR ADVANCED COMMUNICATIONS FUNCTION NCP/VS, PROG PROD 5735-XX3 DESIGN OBJECTIVES

This Program Product Design Objectives (PPDO) describes the design objectives and provides the estimated availability date of the subject Program Product. System Support Programs for Advanced Communications Function NCP/VS

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comprises a set of programs that operate in the host system/370. Use of system support programs for ACF/NCP/VS requires the concurrent installation of prerequisite System Support Programs system control programming (SCP). This prerequisite SCP should be installed only by users of System Support Programs for ACF/NCP/VS.
 Flyer, 8 1/2 x 11 inches, 2 pages, 9/76
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GC30-9503

TELECOMMUNICATIONS CONTROL SYSTEMS-ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF) PROG PROD 5740-XY3, DESIGN OBJECTIVES

This sheet describes design objectives of the Telecommunications Control System - Advanced Communications Function (TCS-ACF) program product which provides enhanced functions, installability, and operability for users with single-system ACF/TCAM or TCAM/NCP/VS Direct Networks or systems utilizing the ACF/TCAM Multisystem Networking Facility. These Functional capabilities are available to the user through TCS-ACF and a separately orderable TCS-ACF Networking Feature.

Flyer, 8 1/2 x 11 inches, 6 pgs, 3/77
 ///5740-XY3

GC30-9507

ADVANCED COMMUNICATIONS FUNCTION FOR NCP/VS, SPECIFICATIONS PROG PROD 5735-XX1

These specifications describe the subject program product. Advanced Communications Function for NCP/VS (ACF/NCP/VS), a Network Control Program/VS program product, when generated and loaded, executes in the 3705-I or 3705-II Communications Controller. Use of ACF/NCP/VS requires the concurrent installation of prerequisite NCP/VS system control programming (SCP). This prerequisite SCP should be installed only by ACF/NCP/VS users.

Folder, 8 1/2 x 11 inches, 4 pgs, 7/77
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GC30-9508

SYSTEM SUPPORT PROGRAMS FOR ADVANCED COMMUNICATIONS FUNCTION/NCP/VS, PROG PROD 5735-XX3, SPECIFICATIONS

These specifications describe the subject program product. System Support Programs for Advanced Communications Functions NCP/VS comprises a set of programs that operate in the host System/370. Use of system support programs for ACF/NCP/VS requires the concurrent installation of prerequisite System Support Programs system control programming (SCP). This prerequisite SCP should be installed by users of System Support Programs for ACF/NCP/VS.

Flyer, 8 1/2 x 11 inches, 2 pgs, 7/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GC30-9511

ADVANCED COMMUNICATIONS FUNCTION FOR TCAM (ACF/TCAM) INCLUDING A FEATURE FOR MULTISYSTEM NETWORKING, LIC PROG 5735-RC1, SPECIFICATIONS

Specifications provide information on the warranted functions of the licensed program.

Flyer, 8 1/2 x 11 inches, 6 pgs, 10/77
 ///5735-RC1

GC30-9518

ACF/TCAM SUPPORT FOR ICR UY99954, SCP 5742-017, SPECIFICATIONS

This publication provides specifications for warranty for Advanced Communication Function for TCAM (ACF/TCAM), Independent Component Release UY99954, SCP 5742-017, ACF/VTAM.

Support.
 Flyer, 8 1/2 x 11 inches, 8/78

GC30-9519

SU12 ADVANCED COMMUNICATIONS FUNCTION FOR TCAM (ACF/TCAM) SU12 5735-RC1, SCP 5741-VS1, ACF/TCAM SUPPORT SPECIFICATIONS

This publication provides specifications for warranty for Advanced Communication Function for TCAM (ACF/TCAM), Selectable Unit Number 12, SCP 5741-VS1 ACF/TCAM Support.

Flyer, 8 1/2 x 11 inches, 1 page, 8/78

GC30-9520

ADVANCED COMMUNICATIONS FUNCTION FOR TCAM (ACF/TCAM), LIC PROG 5735-RC3, PROGRAM SUMMARY

This is the program summary for ACF/TCAM Version 2 Release 1 and Version 2 Release 2, describing the capabilities in combination with the prerequisite system control programming modules.

Flyer, 8 1/2 x 11 inches, 2 pages, 10/78
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GC30-9521

SYSTEM SUPPORT PROGRAMS FOR ACF/NCP/VS RELEASE 2 PROGRAM SUMMARY, SCP 5735-XX3, DESIGN OBJECTIVES

This publication provides the design objectives for the subject program.

Flyer, 8 1/2 x 11 inches, 2 pages 10/78
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GC30-9522

ADVANCED COMMUNICATIONS FUNCTION FOR NCP/VS RELEASE 2 PROGRAM SUMMARY, SCP 5735-XX1, DESIGN OBJECTIVES

This publication provides the design objectives for the

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subject program.

Manual, 8 1/2 x 11 inches, 2 pages 10/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

GC30-9525

ADVANCED COMMUNICATION FUNCTION FOR TCAM (ACF/TCAM)
VERSION 2, LIC PROG 5735-RC3, SPECIFICATIONSSpecifications provide information on the warranted
functions of the licensed program.
Flyer, 8 1/2 x 11 inches, 1 page, 4/79
////5735-RC3

GC30-9526

ACF/TCAM, LIC PROG 5735-RC3, PROGRAM SUMMARYThis publication describes the capabilities of Advanced
Communications Function for the Telecommunications Access
Method Version 2 Release 3 (ACF/TCAM V2 R3), in combination
with the prerequisite system control programming modules.
Flyer, 3 pages, 7/79
////5735-RC3

GC30-9527

ADVANCED COMMUNICATIONS FUNCTION FOR NCP/VS (ACF/NCP/VS)
RELEASE 3, LIC PROG 5735-XX1, PROGRAM SUMMARYThe Program Summary describes the objectives and
capabilities of the program product mentioned in the title
and provides its estimated availability date.
The licensed program Advanced Communications Function for
the Network Control Program/Virtual Storage (ACF/NCP/VS) R3,
in combination with prerequisite system control programming
modules, when generated and loaded, executes in the IBM
3705-I or II Communications Controller.
ACF/NCP/VS R3 performs a wide range of functions for the
data communications network, such as transmission control
communication control, error recording and recovery, and
diagnostics. Certain functions are standard, others are
optional, selected as part of the program generation
procedure.
Flyer, 8 1/2 x 11 inches, 2 pages, 6/79
////5735-XX1

GC30-9528

SYSTEM SUPPORT PROGRAMS FOR ACF/NCP/VS RELEASE 3, LIC PROG
5735-XX3, PROGRAM SUMMARYThe Program Summary describes the objectives and
capabilities of the program product mentioned in the title
and provides its estimated availability date.
The system support programs for ACF/NCP/VS R3 comprise a set
of programs that operate in the host System/370 and a 3705
Communications Controller.
Flyer, 8 1/2 x 11 inches, 2 pages, 6/79
////5735-XX3

GC30-9529

SYSTEM SUPPORT PROGRAMS FOR ACF/NCP/VS LIC PROG 5735-XX3
SPECIFICATIONS (CURRENT RELEASE)Specifications provide information on the warranted
functions of the licensed program.
Flyer
////5735-XX3

GC30-9530

ADVANCED COMMUNICATIONS FUNCTION FOR NCP/VS (ACF/NCP/VS),
LIC PROG 5735-XX1, SPECIFICATIONS (CURRENT RELEASE)Specifications provide information on the warranted
functions of the licensed program.
Flyer, 8 1/2 x 11 inches, 1 page, 5/80
////5735-XX1

GC30-9531

ACF/NCP/VS, SCP 5747-CH1, SPECIFICATIONS (CURRENT RELEASE)Specifications provide information on the warranted
functions of the licensed program.
Flyer, 8 1/2 x 11 inches, 1 page, 5/80

GC30-9533

ADVANCED COMMUNICATION FUNCTION FOR NCP/VS RELEASE 2
MODIFICATION 1, LIC PROG 5735-RC1, PROGRAM SUMMARYACF/NCP/VS Release 2.1 supports the Link Problem
Determination Aid (LPDA) for the IBM 3863, 3864, and 3865
modem. This NCP release also supports the 230.4 KBPS line
speed capability of the IBM 3705-II. This publication
contains information concerning the testing period, program
services, warranty, and availability of ACF/NCP/VS Release
2.1.
Flyer, 8 1/2 x 11 inches, 2 pages, 7/79
////5735-XX1

GC30-9534

SSP ACF/NCP/VS RELEASE 2 MODIFICATION 1 PROGRAM SUMMARYThe Program Summary describes the objectives and
capabilities of the program product mentioned in the title
and provides its estimated availability date.
Flyer, 2 pages, 7/79
////5735-XX3

GC30-9540

PARTITIONED EMULATION PROGRAMMING (PEP) EXTENDED FEATURES
FOR THE 3705-11 (PROGRAMMING RPO P85032), LIC PROG
5799-EAF, SPECIFICATIONSThis publication provides specifications for warranty for
Partitioned Emulation Programming (PEP) Extended Features
for the 3705-11 Programming RPO 5799-EAF (P85032).
Manual, 8 1/2 x 11 inches, 2 pages, 1/80
////5799-EAF

GC30-9541

ACF/NCP/VS, SCP 5747-CH1, SPECIFICATIONSSpecifications provide information on the warranted
functions of the licensed program.
Flyer, 8 1/2 x 11 inches, 1 page, 11/80

GC30-9542

SYSTEM SUPPORT PROGRAMS FOR ACF/NCP/VS, LIC PROG 5735-XX3
SPECIFICATIONSSpecifications provide information on the warranted
functions of the licensed program.
Flyer, 8 1/2 x 11 inches, 2 pages, 11/80
////5735-XX3

GC30-9543

ACF/NCP/VS, LIC PROG 5735-XX3, SPECIFICATIONSSpecifications provide information on the warranted
functions of the licensed program.
Flyer, 8 1/2 x 11 inches, 2 pages, 11/80
////5735-XX1

GC31-0001

VSE/3890 DOCUMENT PROCESSOR SUPPORT, LIC PROG 5746-DC1,
GENERAL INFORMATIONThis publication provides general information concerning
programming support for the IBM 3890 Document Processor
operating under VSE/Advanced Functions Release 2.
Sections in this manual provide the reader with
introductory information on the 3890 LOS/VSE support
functions, operating environment, and a comparison with the
3890 DOS/VS Application/Installation Support (Field
Developed Program 5798-BDC).Prerequisite publications are: IBM 3890 Document
Processor Machine and Programming Description, GA24-3612;
VSE/Advanced Functions Macro User Guide; VSE/Advanced
Functions Macro Reference.
Manual, 8 1/2 x 11 inches, 14 pages, 6/79
////5746-DC1

SC31-0002

VSE/3890 DOCUMENT PROCESSOR SUPPORT, LIC PROG 5746-DC1
USER'S REFERENCE GUIDEThis publication is intended for application and system
programmers. It provides the necessary information to read
and pocket select banking documents using the 3890 Document
Processor operating under VSE/Advanced Functions (Program
Number 5746-XE8).Sections in this publication provide the reader with
introductory information, overview of the program, system
and storage requirements, information on constructing an
application program, and a sample program.This publication is intended to be used with the IBM
3890 Document Processor Machine and Programming Description,
Order No. GA24-3612.
Manual, 45 pages, 12/79
////5746-DC1

GC31-0003

VSE/3890 DOCUMENT PROCESSOR SUPPORT, LIC PROG 5746-DC1
SPECIFICATIONSThe specifications provide a general description of the
machine, system, storage, and programming requirements
necessary to use the program product. They also describe
the warranty for the program.
Flyer, 8 1/2 x 11 inches, 2 pages, 12/79
////5746-DC1

GC31-0009

PARAMETER TABLE GENERATION FACILITY FOR 3644 AUTOMATIC DATA
UNIT (GEN3644), LIC PROG 5668-998, GENERAL INFORMATIONThis manual, intended for data processing system analysts
and planners, provides basic information to use in
evaluating and planning for the Parameter Table Generation
Facility for the IBM 3644 Automatic Data Unit (GEN3644).
GEN3644 is a licensed program that allows the user to
customize the operation of the 3644 to meet specific
application needs. This manual contains information on
functions, worksheets, input, processing, output, and
storage requirements for GEN3644.
Manual, 8 1/2 x 11 inches, 24 pages, 05/80
////5666-260,5668-998

GC31-0504

3644 AUTOMATIC DATA UNIT PROGRAMMING AND USER'S GUIDEThis manual contains information about the IBM 3644
Automatic Data Unit. The publication addresses the needs of
the engineer, analyst, or programmer responsible for
selecting the functions that are to be performed by the 3644
and the needs of the application programmer responsible for
writing the application program that manages the
communication between the 3644 and the controlling system.

GC31

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Manual, 8 1/2 x 11 inches, 235 pages, 3/81
//09/3644/

GC31-2004

3694 DOCUMENT PROCESSOR OPERATING PROCEDURES, VOLUME 1: BASIC OPERATIONS

This book describes the 3694 operating procedures. It briefly introduces the 3694 document processor, then describes basic mechanically oriented procedures such as changing printer paper and ribbons, loading and removing documents, and periodic cleaning procedures.

This book has a companion publication, IBM 3694 Document Processor Operating Procedures, Volume 2: System Operations GC31-2005 (GBOF-3986 includes both).
Manual, 8 1/2 x 11 inches, 50 pages, 10/80
//04/3694/

GC31-2011

3647 TIME AND ATTENDANCE TERMINAL COMPONENT DESCRIPTION AND OPERATING GUIDE

This publication describes the IBM 3647 Time and Attendance Terminal. The publication has two chapters. Chapter 1 is for the operator of the IBM 3647. Chapter 2 is for management, system programmers, and application programmers who require detailed information about the IBM 3647.

Chapter 1's sections guide you through the installation, setup, testing, and operation of the IBM 3647 Time and Attendance Terminal.

Chapter 2 provides information about the IBM 3647, its features, data flow, commands, and operations.
Manual, 8 1/2 x 11 inches, 84 pages, 3/80
//08/3647/

GC31-2012

3647 TIME AND ATTENDANCE TERMINAL PROBLEM REPORT

The IBM 3647 Time and Attendance Terminal Problem Report provides the user with a method of recording IBM 3647 failures.

The IBM 3647 Time and Attendance Terminal Problem Report is completed by the user and given to the service representative.

Padded form, 8 1/2 x 11 inches, U/M 25, 3/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

SC33-0051

DOS PL/I OPTIMIZING COMPILER, LIC PROG 5736-PL1, -LM4, -LM5 CMS USER'S GUIDE (CURRENT RELEASE)

This manual provides the information required to use the DOS PL/I Optimizing Compiler under CMS. Using the DOS PL/I Optimizing Compiler under CMS allows PL/I source programs to be compiled, debugged, and executed from a terminal.

The book is intended for all programmers who use the DOS Optimizing Compiler under CMS. It contains a brief tutorial introduction followed by reference data covering:

1. The syntax and options of DOSPLI, the command that invokes the DOS PL/I Optimizing Compiler.
2. The compile-time options that can be used with the DOS PL/I Optimizing Compiler.
3. The restrictions that apply to PL/I when it is used under CMS/DOS.

Manual, 80 pages, 3/76
//39/5736-PL1,5736-LM5,5736-LM4,5736-PL3

SC33-0067

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5740-XX1, 5746-XX3, INTRODUCTION TO LOGIC

An introduction to the internal logic of CICS/VS for use by programming support representatives and others responsible for the maintenance of CICS/VS. Also provides background information for CICS/VS system and application programmers. Chief contents are an introduction to how CICS/VS works and descriptions of all of the modules of CICS/VS.

Manual, 8 1/2 x 11 inches, 216 pages, 6/78
//5740-XX1,5746-XX3

SC33-0068

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, 5740-XX1 SYSTEM/APPLICATION DESIGN (CURRENT RELEASE)

This publication is equivalent to SC33-0068-01.
Manual
//5740-XX1,5746-XX3

SC33-0070

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, SYSTEM PROGRAMMER'S GUIDE (DOS/VS) (CURRENT RELEASE)

Contains information necessary for generating and operating the CICS/DOS/VS product.

Manual, 8 1/2 x 11 inches, 240 pages, 5/80
//5746-XX3

SC33-0072

CICS/VS V1 REL 3, IBM 3600 GUIDE (5746-XX3 AND 5740-XX1)

This publication describes aspects of CICS/VS that apply specially when CICS/VS is used in an SNA environment with the IBM 3600 Finance Communication System.

The information is intended for CICS/VS system and application programmers, and also for 3600 programmers who wish to write programs that communicate with CICS/VS. The publication describes the various types of logical unit that can be used for communication between CICS/VS and the 3600, and discusses the special programming considerations that may apply.

The publication presupposes familiarity with CICS/VS and with the 3600.

Manual, 70 pages, 2/77
//3600,3601,3602,3630,3631,3632/5740-XX1,5746-XX3

SC33-0073

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) REL 3 VER 1, LIC PROG 5746-XX3, 5740-XX1 3650 GUIDE (CICS/VS) VERSION 1 RELEASE 5, LIC PROG 5740-XX1, 5746-XX3 3650/3680 GUIDE

This book provides information for users of CICS/DOS/VS or CICS/OS/VS. It is intended for system designers, system programmers, and application programmers using a CICS/VS system which communicates with an IBM 3650 Retail Store System, an IBM 3650 Programmable Store System, or an IBM 3680 Programmable Store System.

Manual, 8 1/2 x 11 inches, 88 pages, 5/80
//3650,3651,3680,3683,3684/5740-XX1,5746-XX3

SC33-0074

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) REL 3 VER 1, LIC PROG 5746-XX3, 5740-XX1, 3767 AND 3770 GUIDE (CICS/VS) VERSION 1 RELEASE 5, LIC PROG 5740-XX1, 5746-XX3 3767/3770/6670 GUIDE

This book provides information for users of CICS/DOS/VS or CICS/OS/VS. It is intended for system designers, system programmers, and application programmers using a CICS/VS system which communicates with an IBM 3767 Communication Terminal, an IBM 3770 Communication System, or an IBM 6670 Information Distributor.

Manual, 8 1/2 x 11 inches, 138 pages, 5/80
//3767,3770,3771,3773,3774,3775,3776,3777,6670/5740-XX1,5746-XX3

SC33-0077

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, 5740-XX1, APPLICATION PROGRAMMER'S REFERENCE (COMMAND LEVEL) (CURRENT RELEASE)

Contains procedural and reference information for assembler language, COBOL, and PL/I application programmers preparing programs using CICS/VS commands. Such programs are translated by the command language translator and use the interface program (DFHEIP) to obtain the required CICS/VS services.

Manual, 8 1/2 x 11 inches, 578 pages, 5/80
//5740-XX1,5746-XX3

SC33-0079

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, 5740-XX1, APPLICATION PROGRAMMER'S REFERENCE (MACRO LEVEL) (CURRENT RELEASE)

Contains information necessary to design and prepare application programs to execute under either CICS/DOS/VS or CICS/OS/VS. Intended mainly for programming at the macro level.

Manual, 8 1/2 x 11 inches, 625 pages, 5/80
//5740-XX1,5746-XX3

SC33-0080

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, 5740-XX1, OPERATOR'S GUIDE (CURRENT RELEASE)

Intended terminal operators and persons preparing operating procedures for CICS/VS version 1, release 3: describes the transactions supplied with CICS/VS for controlling the system, message switching, and the collection of statistics.

Manual, 136 pgs, 1/77

//5740-XX1,5746-XX3

SC33-0081

CICS/VS, LIC PROG 5746-XX3, 5740-XX1, MESSAGES & CCDES (CURRENT RELEASE)

This publication explains all messages, and transaction abend codes unique to the CICS/VS system. Failure Analysis Structure Tables are given for some of the more common CICS/VS transaction abends, and CICS/VS operating system abends. The publication is designed for terminal operators, system programmers, and application programmers.

Manual, 8 1/2 x 11 inches, 464 pages, 5/80
//5740-XX1,5746-XX3

SC33-0082

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, SUBSET USER'S GUIDE

This publication explains how to use the CICS/DOS/VS subset option. Its purpose is to guide the user in the initial installation and use of CICS/VS applications. A basic knowledge of DOS batch processing and COBOL is assumed.

Manual, 8 1/2 x 11 inches, 344 pages, 3/77
//5746-XX3

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GC33-0084

CUSTOMER INFORMATION CONTROL SYSTEM/DISK OPERATING SYSTEM/VIRTUAL STORAGE (CICS/DOS/VS) VERSION 1 RELEASE 5 LIC PROG 5746-XX2, SPECIFICATIONS
The Program Product Specification (PPS) describe the warranted specifications of the subject program product.
Manual, 8 1/2 x 11 inches, 20 pgs, 4/77
///5746-XX3

Manual, 8 1/2 x 11 inches, 608 pages, 5/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SC33-0085

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, APPLICATION PROGRAMMER'S REFERENCE (RPG II) (CURRENT RELEASE)
Contains procedural and reference information for RPG II application programmers preparing programs using CICS/VS commands. Such programs are translated by the command language translator and use the interface program (DFHEIP) to obtain the CICS/VS services.
Manual, 8 1/2 x 11 inches, 484 pages, 5/80
///5746-XX3

GC33-4032

OS/VS SORT/MERGE, LIC FROG 5740-SM1, SPECIFICATIONS
Provides a specification to the characteristics and program service classification of the Program Product OS/VS Sort/Merge.
Flyer, 2 pages
///5740-SM1

SC33-0086

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, ENTRY LEVEL SYSTEM USER'S GUIDE (CURRENT RELEASE)
This manual contains both system programming and application programming information for CICS/DOS/VS-ELS, a subset of CICS/DOS/VS.

The purpose of the manual is to provide all of the information normally needed to design, install, and run an entry level system, and to write and run CICS/DOS/VS-ELS Application Programs.

The reader is assumed to have a basic knowledge of DOS/VS Batch Programming and some experience in one of the four languages supported (Assembler Language, COBOL, PL/I, RPG II).

Manual, 8 1/2 x 11 inches, 318 pages, 5/80
///5746-XX3

GC33-4033

OS/VS SORT/MERGE, LIC FROG 5740-SM1, GENERAL INFORMATION
Gives general information for use in planning the installation and use of the Program Product OS/VS Sort/Merge.
Manual, 44 pages
///5740-SM1

SC33-4034

OS/VS SORT/MERGE, LIC FROG 5740-SM1, INSTALLATION REFERENCE
Describes how to generate the OS/VS Sort/Merge Program Product and include in it the current operating system. Includes generation messages and storage requirements.
Manual, 40 pages
///5740-SM1

SC33-4035

OS/VS SORT/MERGE, LIC FROG 5740-SM1, PROGRAMMER'S GUIDE
Supplies the information needed to use the installed program, including how to prepare control statements, how to calculate storage requirements, and how to use the program exits. Gives examples of control statements and of routines at program exits.
Manual, 176 pages
///5740-SM1

SC33-0089

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3 (DOS/VS), 5740-XX1 (OS/VS) PROBLEM DETERMINATION GUIDE (CURRENT RELEASE)
The purpose of this manual is to help IBM customer engineers and customer system programmers in the debugging of problems that might be related to CICS/VS, to the way in which CICS/VS is used, or to the coding of application programs that run under CICS/VS. Part 1 (Approach to Problem Determination) is intended for the newcomer to CICS/VS problem debugging. Part 2 deals with aids to problem determination (such as trace and dump). Part 3 summarizes CICS/VS operation. Part 4 describes interfaces with other access methods. Appendixes cover APAR documentation and common user errors. (The previous edition of the CICS/VS common user errors.
Manual, 8 1/2 x 11 inches, 320 pages, 5/80
///5740-XX1,5746-XX3

SC33-4045

DOS/VS SORT/MERGE V2, LIC PROG 5746-SM2, INSTALLATION REFERENCE (CURRENT RELEASE)
This book is intended for the system programmer who will install and test the DOS/VS Sort/Merge 2 program product, 5746-SM2. It presupposes a knowledge of the DOS/VS or CMS with VM/SP system installed, and of any earlier IBM Sort/Merge programs currently in use at the installation.
Manual, 8 1/2 x 11 inches, 50 pages, 3/81
///5746-SM2

GC33-4047

DOS/VS SORT/MERGE V2, LIC PROG 5746-SM2, SPECIFICATIONS (CURRENT RELEASE)
This document provides specifications for the IBM DOS/VS Sort/Merge Version 2 Program Product, 5746-SM2, which provides a disk sort which runs under the control of DOS/VS Release 33 and subsequent releases unless otherwise identified. A minimum of 32K bytes of virtual storage is required to run the program.
The program sorts records from up to nine input files, using direct access devices as work areas, and can merge up to nine presorted files.
Flyer, 8 1/2 x 11 inches, 2 pgs, 5/77
///5746-SM2

SC33-0095

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) VERSION 1 RELEASE 5 MASTER INDEX LIC PROG 5740-XX1, 5746-XX3
The Master Index is intended to help the CICS/VS user to locate information in the CICS/VS library of publications. The Master Index consists of the merged primary entries from the indexes of most of the CICS/VS publications. Each entry in the Master Index is followed by an indication of the CICS/VS publications in which the topic is discussed. After looking up a topic in the Master Index, the user refers to the individual manuals listed against that topic.
Manual, 8 1/2 x 11 inches, 68 pages, 7/80
///5740-XX1,5746-XX3

GC33-4050

DOS/VS SORT/MERGE, LIC PRG 5746-SM1, FUNCTIONAL DESCRIPTION
This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C.
Flyer, 8 1/2 x 11 inches, 2 pages, 6/79
///5746-SM1

SC33-0096

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) VERSION 1 RELEASES, LIC PROG 5746-XX3 5740-XX1, 3270 GUIDE
This manual provides information for users of CICS/OS/VS and CICS/DOS/VS systems that communicate with terminals of the IBM 3270 Information Display System. It is directed at system designers, system programmers and application programmers. It describes the data communication facilities of CICS/VS as they apply to the 3270, and assumes a level of knowledge provided by the CICS/VS General Information manual and an introduction to the 3270 Information Display System GA27-2739. It provides mainly introductory information and is intended to supplement other CICS/VS and 3270 publications.
Manual, 8 1/2 x 11 inches, 114 pages, 05/80
///5740-XX1,5746-XX3

GC33-5377

DOS/VSE SYSTEM GENERATION
The manual provides information for installing the IBM Disk Operating System/Virtual Storage Extended (DOS/VSE) and shows how to generate support for the various functions available with DOS/VSE.
Topics include step-by-step procedures for installing and tailoring the DOS/VSE system control programming (SCP), describe the supervisor generation macros, and, for planning purposes, give information on calculating the size of a supervisor, libraries, and disk storage requirements. The contents of the DOS/VSE SCP libraries is summarized as an aid for checking an installation-tailored system.
The audience addressed are persons responsible for the installation, generation, and availability of an installation's operating system.
Use of the manual assumes the reader to be familiar with the following publications:
DOS/VSE System Manager Guide, GC33-5371
DOS/VSE System Control Statements, GC33-5376
DOS/VSE Operating Procedures, GC33-5378
DOS/VSE System Utilities, GC33-5381
Manual, 8 1/2 x 11 inches, 256 pages, 2/79
///34//5745-020

LC33-0105

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, 5740-XX1, DIAGNOSIS REFERENCE
The information in this publication is intended to help IBM program support representatives and system programmers who maintain CICS/VS in a VSE/Advanced Functions or OS/VS environment. It describes the internal logic of CICS/DOS/VS and CICS/OS/VS. When used with CICS/DOS/VS or CICS/OS/VS source program listings, this book enables you to understand the operation of CICS/VS.

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- GC33-5382
DOS/VSE ACCESS METHOD SERVICES USER'S GUIDE
This book describes the use of Access Method Services, a group of programs that provide utility functions vital to Virtual Storage Access Method (VSAM). This publication provides all the VSAM information needed to use Access Method Services in order to establish and maintain VSAM files. For complete information about VSAM, see the DOS/VSE Data Management Guide.
Manual, 396 pages, 4/77
//30//5745-010
- Manual, 8 1/2 x 11 inches, 252 pages
10/79
//36//5746-XE8
- SC33-6096
VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, -XE9, SYSTEM GENERATION (CURRENT RELEASE)
This manual provides information for installing the Virtual Storage Extended/Advanced Functions and show how to generate support for the various functions available with the system.
Topics include step-by-step procedures for installing VSE/Advanced Functions standalone or online, describe the supervisor generation macros and, for planning purposes, give information on calculating the size of a supervisor, libraries, and disk storage requirements. The contents of the libraries of VSE/Advanced Functions is summarized as an aid for checking an installation-tailored system.
The manual addresses persons responsible for the installation, generation, and availability of an installation's operating system.
Use of the manual assumes the reader to be familiar with the following publications:
VSE/Advanced Functions System Management Guide, SC33-6094
VSE/Advanced Functions System Control Statements, SC33-6095
VSE/Advanced Functions Operating Procedures, SC33-6097
VSE/Advanced Functions System Utilities, SC33-6100
Manual, 8 1/2 x 11 inches, 250 pages, 10/79
//34//5746-XE8
- SC33-6067
VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1, INFORMATION & OPERATIONS (CURRENT RELEASE)
This manual is intended for personnel concerned with the installation, operation and maintenance of the VSE/Interactive Computing and Control Facility (VSE/ICCF).
Manual, 8 1/2 x 11 inches, 264 pages, 12/79
////5746-TS1
- SC33-6068
VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1, MESSAGES (CURRENT RELEASE)
This publication provides the information needed by a terminal user to work with the VSE/Interactive Computing and Control Facility. It introduces the main concepts of VSE/ICCF and describes the program's terminal user facilities in detail, including the format, parameters and functions of all VSE/ICCF commands, job entry language, macros, procedures and utilities.
VSE/ICCF is an online computing facility that provides terminal users with conversational access to the computer resources of an installation running under DOS/VSE with VSE/Advanced Functions. It allows users to enter, store in libraries, edit and retrieve text and data, and also to write, change, compile, test and debug programs with the results displayed back at the terminal or directed to a printer, or both.
System Library Manual 8 1/2 x 11 inches, 6/79
////5746-TS1
- SC33-6097
VSE/ADVANCED FUNCTIONS OPERATING PROCEDURES (CURRENT RELEASE)
This manual contains the information required by system operators to run jobs under VSE/Advanced Functions. It is intended primarily for system operators who have acquired a basic knowledge of data processing and computer equipment.
Manual, 8 1/2 x 11 inches, 250 pages, 10/79
//40//5746-XE8
- SC33-6098
VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, -XE9, MESSAGES (CURRENT RELEASE)
This publication lists and explains the messages which the components of VSE/Advanced Functions issue to the operator and to the programmer. It enables both to decide on the action they have to take in reply to the message received. Each message is preceded by an identifying number so that it can easily be found in the manual. This method of listing also ensures that messages issued by the same program are grouped together.
Manual, 8 1/2 x 11 inches, 544 pages, 10/79
//40//5746-XE8
- SC33-6069
VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1, MESSAGES
This publication lists and explains the messages which VSE/ICCF issues to the operator or to the programmer. It enables the operator or programmer to decide on the action that may have to be taken in reply to the message received.
Each message is preceded by an identifying number so that it can easily be found in the book. Messages that are issued by the same program are grouped together. Not included are messages issued by the ICCF command processors; they are documented in VSE/Interactive Computing and Control Facility Terminal User's Guide, SC33-6068
Manual, 8 1/2 x 11 inches, 116 pages, 6/79
////5746-TS1
- GC33-6080
VSE/FAST COPY DATA SET, LIC PROG 5746-AM4, SPECIFICATIONS (CURRENT RELEASE)
The Licensed Program Specifications (LPS) describe the warranted specifications of the subject Program Product.
Manual, 8 1/2 x 11 inches, 2 pages, 10/79
////5746-AM4
- SC33-6082
VSE/FAST COPY DATA SET, LIC PROG 5746-AM4, INSTALLATION REFERENCE (CURRENT RELEASE)
This manual describes how to install and use the VSE/Fast Copy Data Set program. A prerequisite is VSE/Advanced Functions Messages, SC33-6098, which includes the messages generated by the VSE/Fast Copy Data Set Program.
Manual, 8 1/2 x 11 inches, 32 pages, 10/79
////5746-AM4
- SC33-6099
VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, -XE9, AIDS AND DEBUGGING PROCEDURES (CURRENT RELEASE)
This manual provides a detailed guide, including diagrams and examples, for operators and programmers who are involved in determining and isolating cause of system malfunctions.
It shows them when and how to use the IBM-supplied serviceability aids, which are programs designed to collect all relevant information about malfunctions. It contains procedures for program debugging. It shows how to locate items in a dump, and how to analyze the data during offline debugging.
Manual, 8 1/2 x 11 inches, 290 pages, 10/79
//37//5746-XE8
- SC33-6100
VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, -XE9, SYSTEM UTILITIES (CURRENT RELEASE)
This reference publication describes to programmers the use of the VSE/Advanced Functions System Utilities. The programs described are: Assign Alternate Block, LISTLOG, Backup and Restore System, Surface Analysis, Clear Disk, Format Emulated Extent, Copy and Restore Diskette, Copy File and Maintain Object Module (OBJMAINT), Printer Train Cleaning, Fast Copy Disk, Initialize Tape, Initialize Disk, Print Hardcopy file (PRINTLOG), VTOC Display.
Supplementary information is provided for those system utilities that can run in standalone mode.
Manual
//32//5746-XE8
- SC33-6094
VSE/ADVANCED FUNCTIONS SYSTEM MANAGEMENT GUIDE (CURRENT RELEASE)
This manual is a guide for using VSE/Advanced Functions. It discusses the concepts of this operating system support and describes the functional services available through the support.
System management refers not only to the way VSE/Advanced Functions is organized, but also to the way the user can efficiently manage the system facilities at his/her disposal. This manual, therefore, not only describes the functions and interaction of the operating system's programs and routines but also shows how the system planner, systems programmer, and applications programmer, or operator can use the operating system to your best advantage.
Manual, 8 1/2 x 11 inches, 292 pages, 10/79
//34//5746-XE8
- SC33-6101
VSE/ADVANCED FUNCTIONS MAINTAIN SYSTEM HISTORY PROGRAM USER'S GUIDE (CURRENT RELEASE)
The manual gives an overall view of the scope and functions of the Maintain System History Program (MSEP) and the program's operating environment; it provides procedures for installing and servicing DOS/VSE and fully describes the MSHF control statements.
The manual addresses persons responsible for installing and servicing DOS/VSE - for tasks such as installing program packages and making corrections to a system by means of PTFs and local/APAR fixes.
The program supports the installation and servicing of IBM program packages; it maintains a record of installation and system service activities in the system history file.
Familiarity with the concept of VSE/Advanced Functions as
- SC33-6095
VSE/ADVANCED FUNCTIONS SYSTEM CONTROL STATEMENTS (CURRENT RELEASE)
This manual is provided for those who need to know about the control statements that relate to VSE/Advanced Functions, the minimum operating system support for a VSE installation.

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described in VSE/Advanced Functions system Management Guide, and with the system generation process as described in VSE/Advanced Functions system Generation is required. Manual, 8 1/2 x 11 inches, 160 pages, 10/79 //34//5746-XE8

GC33-6102

VSE/ADVANCED FUNCTIONS RELEASE 2, LIC PROG 5746-XE8, SPECIFICATIONS (CURRENT RELEASE)
The Licensed Program Specifications contain the warranted specifications for the subject IBM program product. Flyer, 8 1/2 x 11 inches, 2 pages, 11/79 //20//5746-XE8

GC33-6105

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8 SPECIFICATIONS
Describes the warranted specifications of the subject program. Single Sheet 8 1/2 x 11 inches, 2 pgs, 2/79 //20//5746-XE8

GC33-6106

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, GENERAL INFORMATION (CURRENT RELEASE)
This manual describes the functions available when the licensed program VSE/Advanced Functions is installed. It is intended primarily for those who need to have an overview of VSE/Advanced Functions.
VSE/Advanced Functions is designed to operate with the DOS/VSE SCP, to which it provides a number of functional enhancement and performance improvements. Manual, 8 1/2 x 11 inches, 28 pages, 1/79 //20//5746-XE8

SC33-6107

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8 SYSTEM INFORMATION (CURRENT RELEASE)
This manual provides information for installing the licensed support package VSE/Advanced Functions in the DOS/VSE environment and shows how to generate support for the various functions available with the package.
Topics discuss the interdependencies between this support package and the DOS/VSE SCP, and the prerequisites for the installation of this package and its use. Procedures show how to install the package; the supervisor generation macros as relating to the package are presented in detail. For planning purposes, information is given on processor storage and library requirements.
The functions discussed include asynchronous operator communication, operation with up to seven partitions, the controlling of shared resources (such as files, libraries, and disk volumes), up to 15 extents for the page data set, and access control. Procedures shipped with the package allow the VSE/Advanced Functions supervisors to be initialized with a minimum of operator/system interaction.
The audience addressed are persons responsible for the installation, generation, and availability of an installation's operating system.
Use of the manual assumes the reader to be familiar with VSE/Advanced Functions General Information, GC33-6106; it should be used with the DOS/VSE publications: DOS/VSE System Generation, and DOS/VSE Maintain System History Program (MSHP) User's Guide. Manual, 32 pages, 2/79 //20//5746-XE8

GC33-6108

INTRODUCTION TO THE VSE SYSTEM, LIC PROG 5746-XE8 (CURRENT RELEASE)
This manual is a general discussion of the IBM VSE system, an operating system whose name has been derived from Virtual Storage Extended in DOS/VSE. The manual provides new users of VSE with an introduction to the major computing services available with the minimum operating system support: VSE/Advanced Functions, Release 2, and the required complementary DOS/VSE system control programming (SCP) code. This minimum support is referred to in this publication as VSE/Advanced Functions. For users familiar with DOS/VS, the publication gives a summary of the differences between the Release 34 DOS/VS SCP and VSE/Advanced Functions. Manual, 8 1/2 x 11 inches, 110 pages, 7/80 //20//5746-XE8

GC33-6109

SYSTEM CONTROL PROGRAMMING SPECIFICATIONS DISK OPERATING SYSTEM/VIRTUAL STORAGE EXTENDED (CURRENT RELEASE)
The System Control Programming specifications contain the warranted specifications for the subject IBM programming support. Flyer, 8 1/2 x 11 inches, 2 pages, 11/79

GC33-6110

3031 PROCESSOR DOS/VS, GUIDE AND REFERENCE
This manual applies to the independent component release (ICR) of programming support for the IBM 3031 Processor under DOS/VS Release 34. It is an overall supplement to the existing DOS/VS reference library and provides information in the following areas: system generation, console support, and recovery management support (RMS). In addition, the manual lists the publications supporting the ICR. Manual, 8 1/2 x 11 inches, 12 pages, 6/79 3031//34//5745-010

GC33-6111

3031 DOS/VS SYSTEM CONTROL PROGRAMMING SPECIFICATIONS
These specifications describe the support for the IBM 3031 Processor in DOS/VS Release 34. The support is provided as an independent component release (ICR). Flyer, 8 1/2 x 11 inches, 2 pages, 6/79

SC33-6112

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8 DIAGNOSIS GUIDE (CURRENT RELEASE)
The publication contains guidelines to assist in making an initial evaluation of program problems with the objective of isolating the cause of the problem either to IBM code or to user specifications. It describes how to build a problem symptom string for reporting a program problem to IBM and how to submit an authorized program analysis report (APAR) to IBM.

The publication, a companion manual of VSE/Advanced Functions Serviceability Aids and Debugging Procedures, SC33-6099, assumes that the reader is familiar with the operational concepts of a VSE system as discussed in VSE/Advanced Functions System Management Guide, SC33-6094. Manual, 8 1/2 x 11 inches, 50 pages, 1/80 //37//5746-XE8

GC33-6113

VSE/OPERATOR COMMUNICATION CONTROL FACILITY GENERAL INFORMATION
This publication provides a general, introductory description of the VSE/Operator Communication Control Facility (VSE/OCCF), a program designed to reduce operator interaction at VSE controlled computing systems. The publication is intended primarily for customer management and technical staff who need to evaluate the applicability of the program to their data processing installation.
The manual describes the purpose and gives an overview of the program's functions and services; it discusses the program's usefulness and advantages; it states the basic requirements for using the program in various system environments. A program summary is also included. Manual, 8 1/2 x 11 inches, 40 pages, 9/79 //5746-XC5

GC33-6114

VSE/OPERATOR COMMUNICATION CONTROL FACILITY, LIC PROG 5746-XC5, SPECIFICATIONS
This publication provides information on the warranted functions of the Virtual Storage Extended/Operator Communication Control Facility (VSE/OCCF) and describes the warranted operating environment.
VSE/OCCF can be used in the single-system and distributed-data-processing environments to: suppress the display of messages, reply to messages automatically, route messages to a remote console, and translate messages, message replies, and commands to another language or end-user terms.
The program includes pre-defined control tables that provide specific selections of the above functions.
VSE/OCCF always requires VSE/Advanced Functions Release 3 or subsequent releases unless otherwise stated and, depending on the desired functions, requires the Network Communications Control Facility together with the applicable access method (ACF/VTAME, ACF/VTAM, or ACF/TCAM). Flyer, 8 1/2 x 11 inches, 2 pages, 9/80 //5746-XC5

SC33-6115

VSE/OPERATOR COMMUNICATION CONTROL FACILITY, LIC PROG 5746-XC5 INSTALLATION GUIDE AND REFERENCE
The publication contains information on how to plan, install, support, and operate VSE/OCCF. It provides, for planning purposes, information on the VSE/OCCF functions, the requirements for operation, and the control tables; it lists restrictions that must be considered by the application programmer. Examples show how to define control tables by means of the VSE/OCCF macros; the macros are described in detail.
Operations at the system console and NCCF operator station are explained; the VSE/OCCF commands and VSE/OCCF messages are described.
The publication includes considerations for operation with the Network Communications Control Facility (NCCF). Manual, 8 1/2 x 11 inches, 80 pages, 7/80 //5746-XC5

GC33-6116

VSE/ADVANCED FUNCTIONS RELEASE 3 PROGRAM SUMMARY
This publication provides a summary of the functions and services that will become available with Release 3 of the program product; it states the program product's estimated availability date. Program summary, 4 pages, 4/80 //5746-XE8

SC33-6117

VSE/OPERATOR COMMUNICATION CONTROL FACILITY, LIC PROG 5746-XC5, DIAGNOSIS GUIDE
The publication contains guidelines to assist in making an initial evaluation of program problems with the objective of isolating the cause of the problem either to IBM code or to user specifications. It describes how to build a problem symptom string for reporting a VSE/OCCF problem to IBM and how to submit an authorized program analysis report (APAR)

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to IBM.

The publication assumes that the reader is familiar with the operational concepts of a VSE system as discussed in VSE/Advanced Functions System Management Guide, SC33-6094. Manual, 8 1/2 x 11 inches, 28 pages, 7/80
 ///5746-XC5

and Network Problem Determination Application: Terminal Use, SC34-2013. Manual, 8 1/2 x 11 inches, 25 pages, 9/79
 ///5735-XX8

SC33-6119

VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY LIC PROG 5746-TS1 DIAGNOSIS GUIDE
 The publication helps the user to identify whether a system problem has originated in the VSE/ICCF environment, and whether IBM supplied code is involved. It also describes the procedures that the user should follow in obtaining assistance from IBM if this is necessary. It explains how to submit the problem to an IBM support center to find out if the problem is already known, and whether a solution is available. If not, the publication describes how to submit the problem to IBM via an Authorized Program Analysis Report (APAR).

It is assumed that the reader is familiar with the operational concepts of a VSE system as discussed in VSE/Advanced Functions System Management Guide, SC33-6094. The publication must be used in conjunction with the VSE/Advanced Functions Diagnosis Guide, SC33-6112. Manual, 8 1/2 x 11 inches, 28 pages, 7/80
 ///5746-TS1

GC33-6125

DOWNSTREAM LOAD UTILITY, LIC PROG 5668-006, PROGRAM SUMMARY
 The Program Summary summarizes the functions and provides the estimated availability date of the subject Program Product.
 Flyer, 8 1/2 x 11 inches, 2 page, 8/80
 5668-006
 ///5668-006

GC34-2007

SU57 MVS INTERACTIVE PROBLEM CONTROL SYSTEM (IPCS) MESSAGES AND CODES, 5752-857
 This publication lists the messages and user completion codes produced by the OS/VS2 MVS Interactive Problem Control System (IPCS). The messages (with prefix BLS) are presented in alphabetic order by category. Each message and code is explained, and, where appropriate, the accompanying actions by the IPCS component are described and a programmer response is suggested.

Problem determination actions accompany problem identifying messages and codes.
 Manual, 8 1/2 x 11 inches, 50 pages, 3/78
 ///40//5752

GC34-2008

NETWORK PROBLEM DETERMINATION APPLICATION (NPDA), LIC PROG 5735-XX8, PROGRAM SUMMARY
 This document describes the functions, operating environment and warranty provisions of IBM Network Problem Determination Application Program Product, which assists the user in performing network problem determination.
 Flyer, 1 page, 10/78
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GC34-2009

NETWORK PROBLEM DETERMINATION APPLICATION, LIC PROG 5738-XX8, SPECIFICATIONS (CURRENT RELEASE)
 The licensed program specification (LPS) describes the warranted specifications of the licensed program and identifies the specified operating environment.
 Flyer, 8 1/2 x 11 inches, 1 page, 7/79
 ///5735-XX8

GC34-2010

NETWORK PROBLEM DETERMINATION APPLICATION (NPDA) GENERAL INFORMATION PROGRAM NUMBER 5735-XX8
 This document provides introductory information about the IBM Network Problem Determination Application (NPDA) Program Product, which allows a user to record, retrieve and examine communication network error data in an interactive environment. The document provides a general description of NPDA as well as initial planning information needed for installation.
 Manual, 8 1/2 x 11 inches, 18 pages, 10/78
 ///5735-XX8

SC34-2011

NETWORK PROBLEM DETERMINATION APPLICATION, LIC PROG 5735-XX8 INSTALLATION
 This publication provides information needed to plan for, install, and operate the Network Problem Determination Application (NPDA) Program Product.
 This publication is divided into the following Chapters:

- "Planning for NPDA" describes the pre-installation planning considerations.
- "Installing NPDA" describes detailed procedures for installing the program.
- "Operating NPDA" describes miscellaneous procedures used during normal operation.

Readers should be familiar with the functions and capabilities of NPDA, as explained in Network Problem Determination Application: General Information, GC34-2010

SC34-2012

NETWORK PROBLEM DETERMINATION APPLICATION, LIC PROG 5735-XX8, MESSAGES AND CODES
 This publication lists the messages and user completion codes produced by the Network Problem Determination Application (NPDA) Program Product. There are two classes of messages presented: messages for the system or authorized terminal operator, and messages for the NPDA terminal user. The messages in each class are presented in alphabetic order; the codes in numeric order (hexadecimal and decimal). Each message and code is explained, and where appropriate, the accompanying actions by the NPDA component are described and a programmer response is suggested.
 Manual, 8 1/2 x 11 inches, 33 pages, 7/79
 ///5735-XX8

SC34-2013

NETWORK PROBLEM DETERMINATION APPLICATION, LIC PROG 5735-XX8, TERMINAL USE
 This publication is intended to serve as a reference manual and tutorial for the NPDA Program Product. The manual is directed to console operators, system programmers, and any other user involved with the management of a communications network.
 NPDA provides an orderly process that locates failing parts of a network by logically displaying error records detected by various network components.
 Manual, 8 1/2 x 11 inches, 125 pages, 8/79
 ///5735-XX8

SC34-2020

VM/INTERACTIVE PROBLEM CONTROL SYSTEM EXTENSION: LIC PROG 5748-SA1, USER'S GUIDE AND REFERENCE
 This publication is a reference manual for all users of the VM/Interactive Problem Control System Extension (VM/IPCS Extension, or IPCS) Program Products. It is addressed to the systems programmer and the IBM program support representative (PSR) whose job it is to diagnose and track system problems, and to debug disk-resident attend dumps.
 Manual, 8 1/2 x 11 inches, 144 pages, 8/79
 ///5748-SA1

SC34-2022

VM/INTERACTIVE PROBLEM CONTROL SYSTEM EXTENSION, LIC PROG 5748-SA1, REFERENCE SUMMARY
 This reference summary is a card showing the syntax of the commands and subcommands of the VM/Interactive Problem Control System Extension (VM/IPCS Extension) Program Product.
 It is addressed to the systems programmer and the IBM Program Support Representative (PSR) whose job it is to diagnose and track system problems, and to debug disk-resident attend dumps.
 Fanfold card, 3 5/8 x 8 1/2 inches, 6 panels, 8/79
 ///5748-SA1

GC34-2023

NETWORK PROBLEM DETERMINATION APPLICATION, LIC PROG 5735-XX8 PROGRAM SUMMARY
 This document describes the functions, operating environment and warranty provisions of the IBM Network Problem Determination Application Program Product, Release 2, which assists the user in performing network problem determination.
 Flyer, 8 1/2 x 11 inches, 1 page, 8/79
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SC34-2024

VSE INTERACTIVE PROBLEM CONTROL SYSTEM, LIC PROG 5746-SA1, REFERENCE SUMMARY
 This reference summary card shows the syntax of the IPCS commands and subcommands. The card is intended to be used by people who use IPCS to offload problem dumps from the DOS/VSE system files on SYSDDMP, display the dumps for analysis to determine cause of the problem, and document the results of their analysis for the use of others at their installation or at IBM.
 The corequisite publication to this reference card is VSE Interactive Problem Control System: User's Guide and Reference, GC34-2015.
 Fanfold card, 3 5/8 x 8 1/2 inches, 8 panels, 8/79
 ///5746-SA1

GC34-2025

VM/INTERACTIVE PROBLEM CONTROL SYSTEM EXTENSION, LIC PROG 5748-SA1, SPECIFICATIONS
 The VM/Interactive Problem Control System Extension (VM/IPCS Extension) Licensed Program Specifications (LPS) serves as the basis for the warranty of that program product. The LPS provides information on the warranted function of the program product and states the Specified Operating Environment. It is directed to licensees and prospects and IBM programming support personnel whose job it is to diagnose and track system problems, and to debug disk resident attend dumps.

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Flyer, 8 1/2 x 11 inches, 1 page, 7/79
 ///5748-SA1

SC34-2034

NETWORK PROBLEM DETERMINATION APPLICATION, LIC FROG 5735-XX8, REFERENCE SUMMARY

This document provides the NPDA user who does network problem determination with both tutorial information and explicit instructions for operating this facility.

NPDA is a program product that runs as an application under the Network Communications Control Facility (NCCF) and collects, interprets, and displays records of errors detected within a communications network. NPDA provides a set of commands for retrieving and displaying error data and also gives the user structured error tracking logic for an orderly view of the accumulated error event records. Reference card, 3/5/8 x 8 1/2 inches, 10 pages, 12/79
 ///5735-XX8

GC34-2027

INFORMATION/SYSTEM LIC PROG 5735-OZS GENERAL AND PRE-INSTALLATION INFORMATION, RELEASE 2

This document provides a general introduction to the Information/System Program Product. Through its features, Information/Management, and Information/MVS, Information System aids an installation in performing system management tasks. The document provides a general description of information/System and its features, as well as initial planning information.

Manual, 8 1/2 x 11 inches, 40 pages, 8/80
 ///5735-OZS

GC34-2035

SYSTEM PRODUCTIVITY FACILITY, LIC FROG 5668-009, SPECIFICATIONS

The System Productivity Facility Licensed Program Specifications (LPS) serves as a basis for the warranty of the System Productivity Facility program product. This document provides information on the warranted function of the program and states the Specified Operating Environment.

This manual presents detailed procedures for installing Information/System and its features, and describes planning considerations and techniques to customize the program to meet the requirements of each installation.

This document is intended for the system programmers and system administrators who define the role of Information/System in the installation's system or network, install Information/System, and decide in what ways to customize it to their installation.

Manual, 8 1/2 x 11 inches, 175 pages, 10/80
 ///5735-OZS

This publication is intended primarily for licensees and prospects, and, secondarily for IBM personnel.
 Flyer, 8 1/2 x 11 inches, 1 page, 3/81
 ///5668-009

SC34-2036

SYSTEM PRODUCTIVITY FACILITY, LIC FROG 5668-C09, DIALCG MANAGEMENT SERVICES

This manual applies to the use of System Productivity Facility (SPF) in both the MVS and VM environments.

The manual describes how to use SPF dialog management services in programs, CLISTS, and EXECs. In addition, it includes a general overview of SPF, including its structure and function and a sample problem.

The manual is intended for use by application and system programmers engaged in development of interactive programs.

The manual describes how to use SPF dialog management services in programs, CLISTS, and EXECs. In addition, it includes a general overview of SPF, including its structure and function and a sample problem.

The manual is intended for use by application and system programmers engaged in development of interactive programs.
 Manual, 8 1/2 x 11 inches, 130 pages, 3/81
 ///5668-009

GC34-2030

INFORMATION/SYSTEM, LIC PROG 5735-OZS, SPECIFICATIONS

Information/System is a program product with optional features enabling the user to collect, retrieve, and manage information pertinent to the daily operation of a data processing installation.

The Information/System Licensed Program Specifications (LPS) serves as a basis for the warranty of Information/System program product. This document provides information on the warranted function of the program and states the Specified Operating Environment.

This publication is intended primarily for licensees and prospects, and, secondarily for IBM personnel.

Flyer, 8 1/2 x 11 inches, 1 page, 12/80
 ///5735-OZS

SC34-2037

SYSTEM PRODUCTIVITY FACILITY FOR MVS, LIC PROG 5668-009, INSTALLATION AND CUSTOMIZATION

This manual contains detailed information on how to install and customize System Productivity Facility (SPF) under MVS/TSO. It contains a description of how to: install SPF, modify the distributed release of SPF, and extend SPF functions.

The manual includes a sample problem to verify proper installation of SPF and a description of the format of menus and messages of the predecessor program product to SPF, the Structured Programming Facility.

The manual is intended for anyone involved in installing or customizing SPF. Prerequisite manual is, SPF for MVS: Program Reference, SC34-2038.

Manual, 8 1/2 x 11 inches, 70 pages, 12/80
 ///5668-009

SC34-2031

INFORMATION/MANAGEMENT, LIC PROG 5735-OZS, USER'S GUIDE

This publication provides all users information required to exercise the facilities and functions of Information/Management.

Information/Management is a feature of the Information/System Program Product which is an online conversation tool that can help an installation control and manage its problems, changes, and system configurations.

The manual describes how to perform elementary functions of Information/Management, and illustrates through the use of IBM-defined stored response chains a quick-use approach for performing specific tasks. These various tasks may be performed by clerical personnel, system and application programmers, operators, installation managers, and other system support personnel.

Information/Management Scenarios and Panel Flow, GC34-2045 is a supplemental publication which illustrates, through session scenarios, a step-by-step approach of performing specific tasks.

Manual, 8 1/2 x 11 inches, 200 pages, 12/80
 ///5735-OZS

SC34-2038

SYSTEM PRODUCTIVITY FACILITY FOR MVS, LIC PROG 5668-C09, PROGRAM REFERENCE

This manual describes how to use the System Productivity Facility (SPF) program development facility under MVS/TSO. In addition, the manual describes program development facility features common across various options and includes a sample problem, description of listing formats, command and quick reference summaries, and a list of differences in SPF usage in the MVS and VM environments.

The manual is intended for use by applications or systems programmers engaged in program development.

A separate document, SPF Dialog Management Services, SC34-2036, describes how to use the SPF dialog management services facility.

Manual, 8 1/2 x 11 inches, 170 pages, 12/80
 ///5668-009

SC34-2032

NETWORK PROBLEM DETERMINATION APPLICATION: USER ACTION GUIDE PROGRAM NUMBER 5735-XX8

This manual describes the suggested actions the user should take and the most likely causes of an error description displayed by NPDA. The information is directed to customer network personnel who need to know what caused an error and what to do to find the specific error component.

The manual consists of an introduction, a cross-reference table from error description to user action, user action figures, and user action descriptions.

Manual, 8 1/2 x 11 inches, 125 pages, 1/80
 ///5735-XX8

GC34-2039

SYSTEM PRODUCTIVITY FACILITY FOR MVS LIC PROG 5668-009, GENERAL INFORMATION

This manual provides an overview and functional description of SPF under the MVS Time Sharing Option. A separate manual, GC34-2046, provides this same information about SPF under VM/370 Conversational Monitor System.

The System Productivity Facility replaces the previous Structured Programming Facility Program Product (SPF/ISO, 5740-XT8). It includes significant new functions that simplify the development of interactive applications.

This manual is intended to provide planning information for installation and use of the product.

Manual, 8 1/2 x 11 inches, 80 pages, 8/80
 ///5668-009

GC34-2033

NETWORK PROBLEM DETERMINATION APPLICATION: PROGRAM SUMMARY RELEASE 3, LIC PROG NUMBER 5735-XX8

This document describes the functions, operating environment and warranty provisions of the IBM Network Problem Determination Application (Release 3) Program Product, which assists the user in performing network problem determination.

Flyer, 8 1/2 x 11 inches, 2 pages, 11/79
 ///5735-XX8

SC34

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SC34-2043

INFORMATION/SYSTEM, LIC PROG 5735-OZS, MESSAGES AND CODES

This publication lists the messages and user completion (ABEND) codes produced by Information/System and its associated features. The messages described in this publication are those for which online explanations are not available. The messages and codes are intended for users of the product and for system programmers who install and maintain the product.

The messages are presented in alphabetic order where possible. Completion codes are listed in numeric order (hexadecimal and decimal). Each message and code is explained, and, where appropriate, the accompanying actions by Information/System are described and a user response is suggested.

Manual, 8 1/2 x 11 inches, 50 pages, 12/80
 ///5735-OZS

SC34-2044

INFORMATION/MVS, LIC PROG 5735-OZS, USER'S GUIDE

This manual describes how to use the search and retrieval program of the Information System Program Product to obtain data from the Information/MVS data base feature.

The information in the Information/MVS data base is intended primarily for system programmers and system engineers, but can also be used by data processing managers and by clerks and program librarians.

The Information/MVS feature is an organized collection of technical information pertinent to the MVS environment. The information is kept online on the user's system. Users access the data by signing on to Information/System through either TSO or NCCP onto a display terminal, such as a 3270.

To retrieve the Information/MVS data, users enter subcommands that search the data base using specific keyword combinations in a search argument. Subcommands can also be used to browse the data base.

Functions are also provided to enable data to be printed to output devices, and also to allow users to add their own data to the searchable data base.

The Information/System Installation and Customization manual is a prerequisite document for Information/MVS users.
 Manual, 8 1/2 x 11 inches, 110 pages, 12/80
 ///5735-OZS

SC34-2045

INFORMATION/MANAGEMENT, LIC PROG 5735-OZS, SCENARIOS AND PANEL FLOW

This publication provides information to acquaint the user with the Information/Management prompting sequence and illustrates specific tasks that he may perform.

These various tasks may be performed by clerical personnel, system and application programmers, operators, installation managers, and other system support personnel.

The Information/Management User's Guide, GC34-2031, is a prerequisite publication. It describes Information/Management functions and subcommands, and provides details on the elementary operations. "Quick use" scenarios involving predefined stored response chains are also included in the user's guide.

Manual, 8 1/2 x 11 inches, 215 pages, 12/80
 ///5735-OZS

GC34-2046

SYSTEM PRODUCTIVITY FACILITY FOR VM/370 LIC PROG 5668-009, GENERAL INFORMATION

This manual provides an overview and functional description of SPF under VM/370 Conversational Monitor System. A separate manual, GC34-2039, provides this same information about SPF under the MVS Time Sharing Option.

The System Productivity Facility replaces the previous Structured Programming Facility Program Product (SPF/CMS, 5748-XT3). It includes significant new functions that simplify the development of interactive applications.

This manual is intended to provide planning information for installation and use of the product.
 Manual, 8 1/2 x 11 inches, 80 pages, 8/80
 ///5668-009

SC34-2047

SYSTEM PRODUCTIVITY FACILITY FOR VM/SP, LIC PROG 5668-009, PROGRAM REFERENCE

This manual describes how to use the System Productivity Facility (SPF) program development facility under VM. In addition, the manual describes program development facility features common across various options and includes a sample problem, description of listing formats, command and quick reference summaries, and a list of differences in SPF usage in the MVS and VM environments.

The manual is intended for use by applications or systems programmers engaged in program development.

A separate document, SPF Dialog Management Services, SC34-2036, describes how to use the SPF dialog management services facility.
 Manual, 8 1/2 x 11 inches, 3/81
 ///5668-009

SC34-2048

SYSTEM PRODUCTIVITY FACILITY FOR VM, LIC PROG 5668-009, INSTALLATION AND CUSTOMIZATION

This manual contains detailed information on how to install and customize System Productivity Facility (SPF) under VM/SP. It contains a description of how to install SPF,

modify the distributed release of SPF, and extend SPF functions.

The manual includes a sample problem to verify proper installation of SPF and description of the format of menus and messages of the predecessor program product to SPF, the Structured Programming Facility.

The manual is intended for anyone involved in installing or customizing SPF. Prerequisite manual is, SPF for VM: Program Reference, SC34-2047.

Manual, 8 1/2 x 11 inches, 50 pages, 3/81
 ///5668-009

GC34-2053

INFORMATION/SYSTEM, LIC PROG 5735-OZS, PROGRAM SUMMARY

Information/System (Info/System) is a program product that supports system management tasks through the following set of optional features:

- Information/MVS (Info/MVS) - an IBM-supplied data base that is updated regularly to provide direct user access to a broad base of current technical information pertinent to the MVS environment.
 - Information/Management (Info/Management) - an interactive application that facilitates the management of data processing problem, change, and system configuration information.
 - Information/Access (Info/Access) - an interactive application that extends the software problem resolution and change management capabilities of Info/Management by providing teleprocessing access to the most current source of information for servicing IBM software.
- Through online, interactive support of the data processing system or network, Info/System and its features enable the installation to collect, update, retrieve, display, and report on data processing information with the goal of improving the delivery of system services to the end user.
 Flyer, 8 1/2 x 11 inches, 4 pages, 10/80
 ///5735-OZS

GC34-2055

3600 THRESHOLD ANALYSIS AND REMOTE ACCESS FEATURE, LIC PROG 5735-XX8, GENERAL INFORMATION

Provides planning information for the installation and use of the IBM 3600 Threshold Analysis and Remote Access Feature of the Network Problem Determination Application (NFDA). The manual is intended for installation managers, technical staff personnel, and others who require basic information about the 3600 feature and its operation.
 Manual, 8 1/2 x 11 inches, 4/81
 ///5735-XX8

GC34-2059

OS/VS2 MVS INTERACTIVE PROBLEM CONTROL SYSTEM FOR MVS/SYSTEM PRODUCT: USER'S GUIDE AND REFERENCE

This manual describes the functions and uses of the Interactive Problem Control System (IPCS) and the syntax of the IPCS subcommands. The audience is system programmers, customer engineers, and anyone who needs to examine dumps or debug them.

IPCS is an online facility for examining dumps and for maintaining centralized information about problems and their related data. IPCS operates as a TSO command and provides subcommands to manipulate problems and their associated data sets and to examine unformatted dumps at the user's terminal.

This manual describes the preparations for an IPCS session and the control the user has over a session; how to use IPCS subcommands to manipulate problems and data sets associated with them; how to examine unformatted dumps; and the function, syntax, and operands of the subcommands.
 Manual, 8 1/2 x 11 inches, 280 pages, 1/81
 ///37//5752

GC34-2060

OS/VS2 MVS INTERACTIVE PROBLEM CONTROL SYSTEM FOR MVS/SYSTEM PRODUCT: MESSAGES AND CODES

This publication lists the messages and user completion codes produced by the OS/VS2 MVS Interactive Problem Control System (IPCS). The messages (with prefix BLS) are presented in alphabetic order; the codes in numeric order (hexadecimal and decimal). Each message and code is explained, and, where appropriate, the accompanying actions by the IPCS component are described and a programmer response is suggested.

Problem determination actions accompany problem-identifying messages and codes.

Manual, 8 1/2 x 11 inches, 74 pages, 1/81
 ///40//5752

GC35-0033

DEVICE SUPPORT FACILITIES, LIC PROG 5746-XE8, 5747-DS1 (CURRENT RELEASE)

This publication describes the Device Support Facilities processor and commands; it also contains information on hardware and operating system considerations as well as planning and installation.

Manual, 8 1/2 x 11 inches, 144 pages, 7/79
 ///30//5746-XE8,5652,5752,5747-DS1

GC35-0042

DEVICE SUPPORT FACILITIES SELECTABLE UNIT SCFS

This flyer contains the System Control Programming Specifications for the Device Support Facilities Selectable Unit (5752-884 VS2) and 5741-638 VS1).
 Flyer, 8 1/2 x 11 inches, 1 page, 3/79

GC38

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GC38-0229

OPERATOR'S LIBRARY: OS/VS2 MVS SYSTEM COMMANDS

This publication describes commands used by a system console operator running a System/370 under OS/VS2 MVS. (Subsystem commands are documented in separate publications.)

The publication is intended for computer operators and system programmers responsible for controlling and operating an OS/VS2 MVS system.

The publication includes:

- An overview of multiprocessing characteristics and system operation
- Characteristics and use of multiple-console configurations
- Characteristics and use of display consoles
- The function and syntax of each system command
- A glossary of technical terms used

Manual, 8 1/2 x 11 inches, 258 pages, 7/78
//40//5752

GC38-0251

NETWORK OPERATION SUPPORT PROGRAM GENERAL INFORMATION, PROG PROD 5735-XX2

This publication is a general description of the Network Operation Support Program. It is intended for customer executives, system administrators, system analysts, system programmers, application programmers, and terminal operators. The first part of this publication provides an overview of the Network Operation Support Program in a complex data communications network. The second part is a functional description of the program including its major functions. The remaining sections discuss terminal and program support and compatibility considerations.

Manual, 8 1/2 x 11 inches, 28 pages, 10/76
///5735-XX2

GC38-0254

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) GENERAL INFORMATION, PROG PRODS 5735-RC2, 5746-RC3

This manual is intended for those who will decide whether or not to use ACF/VTAM (an IBM program product), and is a preliminary source of information for installation managers and system programmers who will install it.

It discusses:

- o Definition of ACF/VTAM to the operating system
- o Operation of an ACF/VTAM network
- o ACF/VTAM macro instructions
- o Reliability, availability, and serviceability features available to ACF/VTAM

The reader should be familiar with teleprocessing concepts. System programmers should be familiar with the operating system with which they will use ACF/VTAM.

Manual, 8 1/2 x 11 inches, 50 pgs, 10/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

SC38-0256

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) MACRO LANGUAGE GUIDE, PROG PROD 5746-RC3 (DOS/VS), 5735-RC2 (OS/VS)

This publication describes how to write an ACF/VTAM application program. An ACF/VTAM application program is a program that contains ACF/VTAM macro instructions to request connection to and communicate with telecommunications devices and subsystems supported by ACF/VTAM. This manual should be used with reference publication, ACF/VTAM Macro Language Reference, SC38-0261.

The contents include:

- an overview of ACF/VTAM application programs and their relation to other elements in a teleprocessing network;
- suggestions on how to organize an ACF/VTAM application program;
- a discussion of the concepts, facilities, and language for opening and closing a program, and for connecting to and communicating with terminals and logical units;
- requirements and suggestions on using exit routines, handling errors and special conditions in the network and debugging an ACF/VTAM application program. The user is assumed to be familiar with Basic Assembler Language.

Prerequisite Publications: None, however; ACF/VTAM Concepts and Planning, GC38-0282, may be helpful in understanding the concepts of an ACF/VTAM network.

Manual, 8 1/2 x 11 inches, 276 pgs, 7/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SC38-0257

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) PROGRAM OPERATOR GUIDE PROG PROD 5746-RC3 (DOS/VS), 5735-RC2 (OS/VS)

This book describes how to write the Program Operator portion of an ACF/VTAM application program. It supplements the information on writing ACF/VTAM application programs contained in ACF/VTAM Macro Language Guide, SC38-0256. The primary audience for this book is the ACF/VTAM application programmer who is writing a Program Operator application program. The secondary audience is the system programmer who requires background information for planning and maintaining an ACF/VTAM network.

Manual, 8 1/2 x 11 inches, 88 pgs, 7/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SC38-0258

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) SYSTEM PROGRAMMER'S GUIDE, PROG PROD 5735-RC2

Provides the necessary information for defining an ACF/VTAM

network in an OS/VS system. It describes the interfaces that must be created between the user's ACF/VTAM application program and the system. It also describes how the system can be modified to better serve the needs of the user.

Prerequisite publication: Advanced Communications Function for VTAM (ACF/VTAM) Concepts and Planning, GC38-0282

Corequisite publication: Advanced Communications Function for VTAM (ACF/VTAM) Installation Guide, SC38-2069

This book is intended for system programmers who are primarily concerned with system generation and ACF/VTAM network definition.

Manual, 8 1/2 x 11 inches, 300 pgs, 12/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SC38-0259

ACF/VTAM NETWORK OPERATING PROCEDURES FOR OS/VS - PROG PROD 5735-RC2

This publication is a reference manual for system operators who run an ACF/VTAM network in OS/VS. It is also a guide for system programmers who must supply operators with the detailed information that they need to run the ACF/VTAM network.

The publication provides an introduction to operating ACF/VTAM (Chapter 1), describes the fundamentals of ACF/VTAM commands and messages (Chapter 2), and explains the use of commands in performing particular operations (Chapters 3-7). The commands are presented on the basis of function and the network elements they act upon. Command formats can be found either where the command is first discussed or in Appendix D, which summarizes the commands and their functions.

Manual, 8 1/2 x 11 inches, 120 pgs, 12/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SC38-0261

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) MACRO LANGUAGE REFERENCE, PROG PROD 5746-RC3 (DOS/VS), 5735-RC2 (OS/VS)

This publication is a reference manual that describes the ACF/VTAM macro instructions in detail.

ACF/VTAM is an access method that allows a program operating under a virtual storage operating system to communicate with terminals and logical units of a teleprocessing network, or optionally to communicate with terminals and logical units of several combined teleprocessing networks.

This manual is used by installation personnel (typically system programmers) who code the programs that provide the interface between the application program and the teleprocessing network and is designed to be used in conjunction with the ACF/VTAM Macro Language Guide, SC38-0256.

Prerequisite Publications: None. However, the reader should be familiar with the parts of the OS/VS and DOS/VS Assembler Language (GC33-4010) that explains the rules for coding assembler statements.

Manual, 8 1/2 x 11 inches, 350 pgs, 7/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

GC38-0266

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM, PROG PROD 5735-RC2, 5746-RC3, SPECIFICATIONS

This publication provides information on the warranted functions of the licensed program, ACF/VTAM, and describes the specified operating environment.

Flyer, 8 1/2 x 11 inches, 2 pgs, 9/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SC38-0268

ACF/VTAM, LIC PROG 5746-RC3, SYSTEM PROGRAMMER'S GUIDE

Provides the necessary information for defining an ACF/VTAM network in a DOS/VS system. It describes the interfaces that must be created between the user's ACF/VTAM application program and the system. It also describes how the system can be notified to better serve the needs of the users. This book is intended for system programmers who are primarily concerned with system generation and ACF/VTAM network definition.

Prerequisite: ACF/VTAM Concepts and Planning, GC38-0282
Corequisite: ACF/VTAM Installation Guide for DOS/VS, SC38-0271.

Manual, 8 1/2 x 11 inches, 300 pages, 7/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SC38-0269

ACF/VTAM INSTALLATION GUIDE FOR OS/VS, IIC PROG 5735-RC2

This publication provides an overview of the steps required to install ACF/VTAM, including the Multisystem Networking Facility. "Installing" is defined to include planning requirements coding customer programming, and testing the programming with ACF/VTAM and related products. The intended audience is the customer or IEM system engineers who must do the installing. This publication refers to and must be used with other publications in the ACF/VTAM library and with related product publications, such as ACF/NCP/VS publications.

This publication contains:

- o An introductory chapter
- o An installation chapter describing specific planning, coding, and testing steps to take and referring to publications that contain

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- required information
- o A chapter describing possible stages in migrating from a pre-ACF VTAM system
 - o chapter describing the coding and operating requirements of a hypothetical customer using the Multisystem Networking Facility
- ACF/VTAM Concepts & Planning, GC38-0282, is a prerequisite publication. ACF/VTAM System Programmer's Guide for OS/VS, SC38-0258 is a corequisite publication. Manual, 8 1/2 x 11 inches, 210 pgs, 12/77
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SC38-0270
ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) INSTALLATION GUIDE, PROG PROD 5746-RC3 (DOS/VS)
This publication provides an overview of the steps required to install ACF/VTAM, including the Multisystem Networking Facility. "Installing" is defined to include planning requirement coding customer programming, and testing the programming with ACF/VTAM and related products. The intended audience is the customer or IBM system engineer who must do the installing. This publication refers to and must be used with other publications in the ACF/VTAM library and with related product publications, such as ACF/NCP/VS publications. ACF/VTAM Concepts and Planning, GC38-0282, is prerequisite publication. ACF/VTAM System Programmer's Guide for DOS/VS, SC38-0268, is a corequisite publication. Manual, 8 1/2 x 11 inches, 150 pgs, 7/77
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SC38-0271
ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) MESSAGES AND CODES, PROGRAM NUMBER 5735-RC2 (OS/VS)
This publication is a reference manual containing the ACF/VTAM messages which OS/VS issues for operators and programmers. The reason that the message was issued is explained, action taken by ACF/VTAM and OS/VS is given, and appropriate actions for response to the message are suggested for the operator and programmer. Message documentations appear in numeric sequence. Also included are codes which some ACF/VTAM messages pass on from VSAM and SNA formats and protocols. Brief explanations of these codes are given, and, in some cases, appropriate actions are suggested for the operator or programmer. Manual, 8 1/2 x 11 inches, 144 pgs, 12/77
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SC38-0272
ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) MESSAGES AND CODES, PROG PROD 5746-RC3 (DOS/VS)
This publication is a reference manual containing the ACF/VTAM messages which DOS/VS issues for operators and programmers. The reason that the message was issued is explained, action taken by DOS/VS is given, and appropriate actions for a response to the message are suggested for the operator and programmer. Message documents appear in alphanumeric sequence. Also included are codes which some ACF/VTAM messages pass on from VSAM, cancel processing, and SNA formats or protocols. Brief explanations of these codes are given, and, in some cases, appropriate actions are suggested for the operator or programmer. Manual, 8 1/2 x 11 inches, 100 pages, 8/77
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SC38-0273
ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) NETWORK OPERATING PROCEDURES, PROG PROD 5746-RC3 (DOS/VS)
This publication is a reference manual for system operators who run an ACF/VTAM network. It is also a guide for system programmers who must supply operators with the detailed information that they need to run the ACF/VTAM network. The publication provides an introduction to operating ACF/VTAM (Chapter 1), describes the fundamentals of ACF/VTAM commands and messages (Chapter 2), and explains the use of commands in performing particular operations (Chapter 3-7). The commands are presented on the basis of function and the network elements they act upon. Command formats can be found either where the command is first discussed or in Appendix D, which summarizes the commands and their functions. Manual, 8 1/2 x 11 inches, 120 pgs, 7/77
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GC38-0277
NETWORK OPERATION SUPPORT PROG PROD 5735-XX2, SPECIFICATIONS
This specification sheet gives a high-level description of the Network Operation Support Program (NOSP). It describes the NOSP system configuration and programming systems requirements and is intended for marketing and sales personnel. Flyer, 8 1/2 x 11 inches, 2 pgs, 9/77
////5735-XX2
- SC38-0278
NETWORK OPERATION SUPPORT PROGRAM INSTALLATION AND MAINTENANCE MANUAL (OS/VS), LIC PROG 5735-XX2
This manual describes the planning, installation, definition, and tailoring of the program product Network Operation Support Program. It is intended for system programmers, application programmers, and system administrators. A basic knowledge of ACF/VTAM is required. Manual, 8 1/2 x 11 inches, 100 pages, 1/78
////5735-XX2
- SC38-0279
NETWORK OPERATION SUPPORT PROGRAM, LIC PROG 5735-XX2, (DOS/VS) INSTALLATION AND MAINTENANCE
This manual discusses the installation planning, definition, and filing of the Network Operation Support Program (NOSP). It also contains a brief command summary and storage estimate calculations. The Network Operation Support Program is a program product providing an alternative to the control of a network through the system console. Manual, 8 1/2 x 11 inches, 70 pgs, 8/77
////5735-XX2
- SC38-0281
PROGRAM PRODUCT NETWORK OPERATION SUPPORT PROGRAM OPERATORS MANUAL, PROG PROD 5735-XX2
This manual discusses the tasks involved with the operation of the Network Operation Support Program, including the commands used and the messages issued. The Network Operation Support Program (NOSP) is a program product that provides an alternative to the control of a network through the system console. Manual, 8 1/2 x 11 inches, 30 pgs, 7/77
////5735-XX2
- GC38-0282
ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) CONCEPTS AND PLANNING, PROG PROD 5735-RC2, 5746-RC3
This publication describes the major concepts and facilities of the program product Advanced Communication Function for the Virtual Telecommunications Access Method (ACF/VTAM). ACF/VTAM is a data communication access method that performs network control and data-transmission functions for a network attached to a single host computer, or with the Multisystem Networking Facility, performs the functions for a network that includes a multiple host computers or multiple data-communication access methods. ACF/VTAM supports terminals on SDLC, BCS, and start-stop lines as well as locally attached Systems Network Architecture (SNA) terminals and locally attached non-SNA terminals. The publication is written for data processing managers card system programmers who are considering use of ACF/VTAM or who are planning for installation and use of the product. The publication also aids application programmers and network operators in becoming familiar with the overall characteristics and capabilities of the access method. The publication provides a comprehensive description of the system with a moderate of detail. A more general description of ACF/VTAM is provided in ACF/VTAM General Information, GC38-0254. The description of the access method is divided into chapters dealing with:
 - The basic structure and components of an ACF/VTAM system
 - Defining an ACF/VTAM system
 - Starting, controlling, and stopping an ACF/VTAM system
 - Coding application programs
 - Using reliability, availability, and serviceability characteristics of the system
 - Defining, controlling, and communication with BCS terminals, start-stop terminals and local non-SNA terminals
Basic planning considerations and requirements are also provided, although detailed planning information must be obtained by using this publication with the ACF/VTAM Installation Guide and the ACF/VTAM System Programmer's Guide for the operating system under which ACF/VTAM will be used. Manual, 8 1/2 x 11 inches, 236 pgs, 8/77
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SC38-0283
ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM) TOLTEP, LIC PROG 5746-RC3 (DOS/VS), 5735-RC2 (OS/VS)
This publication provides the information needed to use the Teleprocessing Online Test Executive Program (TOLTEP). TOLTEP, which is automatically included in the system with ACF/VTAM, controls the selection, configuration, and use of online tests (CLTS) for terminals supported by the Advanced Communications Functions for the Virtual Telecommunications Access Method (ACF/VTAM). This manual is intended for IBM Field Engineering personnel and others who wish to use TOLTEP in testing ACF/VTAM terminals. Manual, 8 1/2 x 11 inches, 64 pgs, 7/77
////5735-RC2,5746-RC3
- GC38-0284
ADVANCED COMMUNICATIONS FUNCTION FOR VTAM, MULTISYSTEM NETWORK FACILITY, PROG PROD 5735-RC2 5746-RC3 SPECIFICATIONS
This publication provides information on the warranted functions of the optional feature, the Multisystem Networking Facility, of ACF/VTAM. This publication also describes the specified operation environment. Flyer, 8 1/2 x 11 inches, 2 pgs, 9/77
////5746-RC3,5735-RC2

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- GC38-0285
ACF/VTAM ENCRYPT/DECRYPT FEATURE, PROG PROD 5735-RC2, SPECIFICATIONS
This publication provides information about the warranted functions of the optional feature, the ACF/VTAM Encrypt/Decrypt Feature. This publication also describes the specified operating environment.
Flyer, 8 1/2 x 11 inches, 2 pages, 1/78
///5735-RC2
- GC38-0286
SYSTEM CONTROL PROGRAMMING SPECIFICATIONS FOR ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), PROG PROD 5746-RC3, 5735-RC2
This publication constitutes IBM's official published specifications to which the system control programming for ACF/VTAM is warranted as provided in IBM's agreements for lease, rental, or purchase of IBM machines.
Flyer, 8 1/2 x 11 inches, 2 pgs, 9/77
- GC38-0289
ACF/VTAM ENCRYPT/DECRYPT FEATURE, PROG PROD 5735-RC2, DESIGN OBJECTIVES
This publication provides information on the design objectives of the ACF/VTAM Encrypt/Decrypt Feature. It also describes the specified operating environment and states estimated availability dates.
PPDO, 8 1/2 x 11 inches, 1 pg, 11/77
///5735-RC2
- GC38-0299
NETWORK TERMINAL OPTION (NTO) SPECIFICATIONS
This publication provides information on the warranted functions of the Network Terminal Option Licensed Program. This publication also describes the specified operating environment.
Flyer, 8 1/2 x 11 inches, 1 page, 2/79
///5735-XX7
- GC38-1047
OS/VSE SYSTEM MODIFICATION PROGRAM MESSAGES AND CODES
This is a new publication which lists the SMP messages and Return codes for use with the OS/VSE System Modification Program Release 4. Included in this publication is the chapter titled "SMP Diagnostic Techniques" formally Chapter 5 of OS/VSE SMP System Programmer's Guide GC28-0673-5.
This publication is designed to assist the user of the OS/VSE System Modification Program, by having all references to problem solving easily accessible within a smaller support manual.
Manual, 8 1/2 x 11 inches, 116 pages, 9/80
//40//5752,5741,5652
- LDB3-0160
SUPPLEMENT FOR OS/VSE2 MVS/SYSTEM EXTENSIONS RELEASE 2 TO DATA AREAS MICROFICHE LISTINGS
This publication provides OS/VSE2 MVS Data Areas for use in installing and debugging the program product MVS/System Extensions Release 2. The user of this publication should have a working knowledge of OS/VSE2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Fiche 45x, 2 cards, 5/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LDB3-0161
SUPPLEMENT FOR OS/VSE2 MVS/SYSTEM EXTENSIONS RELEASE 2 TO DIRECTORY, LIC PROG, MICROFICHE LISTINGS
This publication contains directory reference information about the contents and organization of the program product MVS/System Extensions Release 2. A directory shows the relationship between load module names, CSECT names or reference names, entry point names and alias names. This publication is intended primarily for IBM programming Support Representatives for use in installing and debugging this program product. The user of this product should have a working knowledge of OS/VSE2 functions and logic.
Microfiche, reduced 45x
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LDB3-0162
SUPPLEMENT FOR OS/VSE2 MVS SYMBOL USAGE TABLE, 5740-XE1, LISTING
This publication provides OS/VSE2 MVS Symbol Usage Table information for use in installing and debugging the program product MVS/System Extensions Release 2. The use of this publication should have a working knowledge of OS/VSE2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LDB3-0163
SUPPLEMENT FOR OS/VSE2 MVS DATA AREA USAGE TABLE, 5740-XE1, LISTINGS
This publication provides OS/VSE2 Data Area Usage Table information for use in installing and debugging the program product MVS/System Extensions Rel. 2. The user of this publication should have a working knowledge of OS/VSE2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
- Microfiche, reduced 45x, 1 card
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LD12-5009
SUPPLEMENT FOR VSE/ADVANCED FUNCTIONS, TO DOS/VSE HANDBOOK, 5746-XE8
This supplement provides replacement and supplement pages which, after their insertion into the DOS/VSE Handbook, SY33-8571-7, update the latter to document a DOS/VSE SCP with VSE/Advanced Functions installed.
Manual, 56 pages, 2/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LD21-0002
SUPPLEMENT FOR ACF/TCAM MULTISYSTEM NETWORKING FACILITY, 5735-RC1, TO ACF/TCAM LOGIC
Provides information required for persons involved in keeping the program operational.
This publication is a reference manual for the ACF/TCAM multisystem networking facility, feature number 6001.
It contains an introduction, a method of operation section, and a program organization section.
PREREQUISITE PUBLICATIONS
Advanced Communication Function for TCAM Logic, LY30-3036-0
Manual, 8 1/2 x 11 inches, 20 pgs, 12/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LD21-0003
SUPPLEMENT FOR ACF/TCAM MULTISYSTEM NETWORKING FACILITY, 5735-RC1, TO ACF/TCAM PROGRAM REFERENCE SUMMARY
Provides information required for persons involved in keeping the program operational.
This publication is a reference manual for the ACF/TCAM multisystem networking facility, feature number 6001.
It contains data area layouts and a list of ACF/TCAM modules by library.
PREREQUISITE PUBLICATIONS
Advanced Communication Function for TCAM Program Reference Summary, LY30-3037-0.
Manual, 8 1/2 x 11 inches, 20 pgs, 12/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- SD21-0005
SUPPLEMENT FOR IMS/VSE VERSION 1 TO PRIMER, 5735-RC3 MVS 5752-TC221
ACF/TCAM, Version 2, Release 2, supports the Primer subset of IMS/VSE functions. This Supplement, a part of Version 2, Release 2 of ACF/TCAM, provides replacement pages for the base publication, SH20-9148; these replacement pages remain in effect for subsequent ACF/TCAM releases unless specifically altered. The Supplement contains information necessary to operate a terminal connected to the Primer subset of IBM/VSE via ACF/TCAM.
Manual, 8 1/2 x 11 inches, 84 pages, 04/80
///5735-RC3
- SD21-0007
SUPPLEMENT FOR IMS/VSE VERSION 1 TO PRIMER SAMPLE LISTING, 5735-RC3 MVS 5752-TC221
ACF/TCAM, Version 2, Release 2, supports the Primer subset of IMS/VSE functions. This Supplement, a part of Version 2, Release 2 of ACF/TCAM, provides replacement pages for the base publication SH20-9149; these replacement pages remain in effect for subsequent ACF/TCAM releases unless specifically altered. The Supplement contains listings of ACF/TCAM sample jobs.
Manual, 8 1/2 x 11 inches, 28 pages, 04/80
///5735-RC3
- SD23-0061
SUPPLEMENT FOR MVS/SE REL 2, 5740-XE1, TO SYSTEM COMMANDS
 - The DISPLAY R command has been changed in support of the action message retention facility.
 - The DISPLAY SMF command has been added to display the status of SMF data sets or the current SMF options in effect.
 - The SET command has been changed to allow the changing of SRM specifications and SMF parameters.
 - The Control command has been changed in support of the action message retention facility.
Manual, 8 1/2 x 11 inches, 72 pages, 5/79
///5740-XE1
- SD23-0070
SUPPLEMENT FOR RMF VER 2 REL 2, MVS/SE SUPPORT, 5740-XY4, TO MVS RMF VER 2 REF & USER'S GUIDE
This publication describes how to use the Resource Measurement Facility (RMF) Version 2, Release 2, MVS/System Extensions Support. The changes and additions included support the MVS/System Extensions Program Product (Program Number 5740-XE1) or any compatible product. This information is intended for the system programmer responsible for installing or removing RMF and modifying its functions, for system personnel responsible for measuring and improving system performance, and for the operator and terminal user.
Manual, 8 1/2 x 11 inches, 126 pages, 11/77
///5740-XY4

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SUPPLEMENT FOR RMF VER 2 REL 2, MVS/SE SUPPORT, 5740-XY4, TO RMF VER 2 PROGRAM LOGIC MANUAL
This is a Supplement which describes the logic for RMF Version 2, Release 2, MVS/System Extensions Support Program Product.
Manual, 8 1/2 x 11 inches, 54 pgs, 11/77
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options

- new SMF record types
- additional keywords in SRM for the OPT PARMLIB member Manual, 8 1/2 x 11 inches, 134 pages, 4/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LD23-0164

SUPPLEMENT FOR RESOURCE MANAGEMENT FACILITY VER 2 REL 2 TO (MVS/SYSTEM EXTENSIONS SUPPORT) MVS/SYSTEM EXTENSIONS RELEASE 2 FEATURE: RMF LOGIC, 5740-XY4
This is a supplement that describes the logic changes in support of RMF Version 2 Release 2 (MVS/System Extensions Support) MVS/System Extensions Release 2 Feature.
Manual, 176 pages, 4/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GD23-0112

SUPPLEMENT FOR SU64 TO SYSTEM COMMANDS: MVS PROCESSOR SUPPORT 2, 5752-864
This supplement to System Commands contains the following changes in support of Processor Support 2:

- Serviceability level indication processing (SLIP) enhancements
- CONTROL Q command
- DISPLAY M=CONFIG command
- Disabled console communication
- Disabled console communication
- Master trace
- Channel set switching
- Hot I/O
- Vary range of channels

Manual, 8 1/2 x 11 inches, 96 pages, 12/78
////5752-864

GD23-0166

SUPPLEMENT FOR OS/VS1 AND OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT TO VS2 SYSTEM MESSAGES, 5740-XY6
OS/VS1 and OS/VS2 MVS Cryptographic Unit Support: VS2 System Messages is a supplement for VS2 System Messages, GC38-1002-7, containing new messages that are issued by OS/VS2 MVS Cryptographic Unit Support program product.
Manual, 8 1/2 x 11 inches, 28 pages, 1/80
////5740-XY6

GD23-0146

SUPPLEMENT FOR OS/VS2 MVS/SYSTEM EXTENSIONS RELEASE 2 TO JOB MANAGEMENT, 5740-XE1
With the MVS/System Extensions Release 2 (Program Number: 5740-XE1) installed it is no longer necessary to code the SYS1.MANX and SYS1.MANY statements in the source code for the master job control language data set.
Manual, 8 1/2 x 11 inches, 6 pages, 4/79
////5740-XE1

GD23-0167

SUPPLEMENT FOR OS/VS1 AND OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT TO VS2 ROUTING AND DESCRIPTOR CODES 5740-XY6
OS/VS1 and OS/VS2 Cryptographic Unit Support: VS2 Routing and Descriptor Codes is a supplement for VS2 Routing and Descriptor Codes, GC38-1102-2. The supplement contains routing and descriptor codes assigned by IBM programming to the new VS2 MVS messages that are issued by the Cryptographic Unit Support program product.
Manual, 8 1/2 x 11 inches, 7 pages, 1/80
////5740-XY6

GD23-0148

SUPPLEMENT FOR OS/VS2 MVS/SYSTEM EXTENSIONS RELEASE OS/VS2 MVS JCL, 5740-XE1
This supplement to the OS/VS2 MVS JVL Manual Supports OS/VS2 MVS/System Extensions Release 2, Program Number 5740-XE1.
Manual, 8 1/2 x 11 inches, 16 pages, 5/79
////5740-XE1

SD23-0168

SUPPLEMENT FOR OS/VS2 MVS SPL TO SYSTEM MANAGEMENT FACILITIES (SMF), 5740-XY6
This supplement provides support for the Cryptographic Unit Support Program Product.
Manual, 64 pages, 12/79
////5740-XY6

GD23-0150

SUPPLEMENT FOR OS/VS2 MVS/SYSTEM EXTENSIONS REL 2: DEBUGGING HANDBOOK VOLUME 1, 5740-XE1
This supplement contains new and updated information to support System Extensions Release 2.
Manual, 3 3/4 x 6 3/4 inches, 34 pages, 4/79
////5740-XE1

SD23-0169

SUPPLEMENT FOR OS/VS1 and OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT TO DEBUGGING HANDBOOK VOLUME 2, 5740-XY6
Provides data area documentation on the OS/VS1 and OS/VS2 MVS Cryptographic Unit Support product.
Manual, 3 3/4 x 6 3/4 inches, 10 inches, 1/80
////5740-XY6

LD23-0154

SUPPLEMENT FOR OS/VS2 MVS SYSTEM EXTENSIONS, RELEASE 2 TO SYSTEM LOGIC LIBRARY VOLUME 2, 5740-XE1
This supplement updates method-of-operations diagrams with information on the action message retention facility and on setting the installation control specification and OPT parameters.
Manual, 8 1/2 x 11 inches, 170 pages, 4/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GD23-0170

SUPPLEMENT FOR OS/VS1 AND OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT FOR DEBUGGING HANDBOOK, VOLUME 1, 5740-XY6
Provides the UCB sense byte information for the OS/VS1 and OS/VS2 MVS cryptographic Unit Support product.
Manual, 3 3/4 x 6 3/4 inches, 16 pages, 1/80
////5740-XY6

LD23-0155

SUPPLEMENT FOR OS/VS2 MVS/SYSTEM EXTENSIONS RELEASE 2 TO SYSTEM LOGIC LIBRARY VOL 3, 5740-XE1
This supplement contains new and changed information pertaining to SRM, SMF and schedules for MVS System Extensions Release 2.
Manual, 8 1/2 x 11 inches, 150 pages, 4/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SD23-0171

SUPPLEMENT FOR OS/VS1 & OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT, 5740-XY6 TC I/O SUPERVISOR LOGIC, SY26-3823
This supplement contains replacement pages for I/O Supervisor Logic to support Cryptographic Unit Support.
Manual, 8 1/2 x 11 pages, 1/80
////5740-XY6

LD23-0156

SUPPLEMENT FOR OS/VS2 MVS/SYSTEM EXTENSIONS RELEASE 2 TO SYSTEM LOGIC LIBRARY VOL 4, 5740-XE1
This supplement contains updates to RTM for MVS/System Extensions Release 2.
Manual, 8 1/2 x 11 inches, 200 pages, 4/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LD23-0172

SUPPLEMENT FOR OS/VS2 MVS/SYSTEM EXTENSIONS RELEASE 2 VOLUME 5, 5740-XE1
Provides introductions, control flow diagrams, control block overviews, and method-of-operation diagrams for the following components: task management, program management, and recovery termination management (RTM).
Manual, 8 1/2 x 11 inches, 56 pages, 10/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LD23-0158

SUPPLEMENT FOR OS/VS2 MVS/SYSTEM EXTENSIONS RELEASE 2 TO SYSTEM LOGIC LIBRARY (VOL 7), 5740-XE1
This supplement contains updates for the SRM control block overview, additions to the acronym list, new and updated system codes issued by MVS/System Extensions Release 2, and a new figure depicting the unit control module structure.
Manual, 8 1/2 x 11 inches, 180 pages, 5/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GD23-0173

SUPPLEMENT FOR OS/VS MESSAGE LIBRARY VS2 SYSTEM MESSAGES TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
This supplement contains new and changed system messages issued by MVS/System Product 5740-XYN, -XYS.
Manual, 8 1/2 x 11 inches, 108 pages, 4/80
////5740-XYN,5740-XYS

LD23-0159

SUPPLEMENT FOR OS/VS2 MVS/SYSTEM EXTENSIONS RELEASE 2 TO SYSTEM INITIALIZATION LOGIC, 5740-XE1
Contains updates in support of OS/VS2 MVS/System Extensions Release 2, including:

- The use of VSAM data sets by SMF
- the installation control specification
- new parameters allowing flexibility in selecting SMF

GD23-0174

SUPPLEMENT FOR OS/VS MESSAGE LIBRARY VS2 SYSTEM CODES TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
This supplement contains new and changed system completion codes issued by MVS/System Product 5740-XYN, -XYS.
Manual, 8 1/2 x 11 inches, 16 pages, 4/80
////5740-XYN,5740-XYS

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GD23-0175

SUPPLEMENT FOR OS/VS MESSAGE LIBRARY VS2 ROUTING AND DESCRIPTOR CODES TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
This supplement contains new and changed routing and descriptor codes for messages issued by MVS/System Product 5740-XYN, -XYS.
Manual, 8 1/2 x 11 inches, 18 pages, 4/80
////5740-XYN,5740-XYS

created data set does not require processing by the OLIEP editor.
Manual, 8 1/2 x 11 inches, 48 pages, 4/80
////5740-XYN,5740-XYS

GD23-0176

SUPPLEMENT FOR MVS/SYSTEM PRODUCT, 5740-XYN, -XYS, TO JOB MANAGEMENT, GC28-0627
Update of Job Management to support virtual fetch service and MVS/System Product JES2 Release 3 and JES3 Release 3.
Manual, 8 1/2 x 11 inches, 40 pages, 5/81
////5740-XYN,5740-XYS

LD23-0186

SUPPLEMENT FOR OS/VS2 MVS SYSTEM LOGIC LIBRARY VOLUME 2 TO MVS/SYSTEM PRODUCT 5740-XYN, -XYS
This supplement contains new and updated information to support the communications task, command processing, region control task, the VARY STOR and VARY CH commands, cross memory, system component address space initialization, and the message processing facility for MVS/System Product.
Manual, 8 1/2 x 11 inches, 564 pages, 12/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GD23-0177

SUPPLEMENT FOR OS/VS2 SYSTEM PROGRAMMING LIBRARY SUPERVISOR TO MVS/SYSTEM PRODUCT 5740-XYN, -XYS
SPL: Supervisor describes supervisor functions that can be influenced by a system programmer and includes the macro instructions used to obtain the functions.
This supplement contains changes in support of MVS/System Product including new macro instructions: INTSECT, PGFIXA, PGFREEA, PROTPSA, SYSEVENT, and changed macro instructions: ESTAE RPSGNL, SCHEDULE, STATUS, RESUME. It also includes locking changes, and a description of the SRM reporting interface.
Manual, 8 1/2 x 11 inches, 132 pages, 4/80
////5740-XYN,5740-XYS

LD23-0187

SUPPLEMENT FOR OS/VS2 MVS SYSTEM LOGIC LIBRARY TO MVS/SYSTEM PRODUCT 5740-XYN, -XYS
This supplement contains new and updated information to support the Event Notification Facility (ENF), the System Resource Management (SRM), the master subsystem, initiator/terminator, SWA create interface, convertor/interpreter, allocation/unallocation, System Management Facilities (SMF), cross memory, and scheduler enhancements for MVS/System Product.
Manual, 8 1/2 x 11 inches, 410 pages, 12/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GD23-0178

SUPPLEMENT FOR OS/VS2 MVS SYSTEM PROGRAMMING LIBRARY SERVICE AIDS TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
This supplement contains replacement pages for Service Aids (GC28-0674) to support OS/VS2 MVS System Product. It provides a list of symbolic names with equated hexadecimal event identifiers (EIDs) for events traced by the Generalized Trace Facility (GTF). Service Aids is intended to be used by systems programmers and IBM program support representatives.
Manual, 8 1/2 x 11 inches, 8 pages, 5/80
////5740-XYN,5740-XYS

LD23-0188

SUPPLEMENT FOR OS/VS2 SYSTEM LOGIC LIBRARY, VOLUME 4 TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
This volume contains enhancements for the timer and supervisor components in support of MVS/System Product 5740-XYN, -XYS.
This publication is intended for the use of system programmers.
Manual, 8 1/2 x 11 inches, 239 pages, 4/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GD23-0179

SUPPLEMENT FOR OS/VS2 MVS JCL (CURRENT RELEASE) TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
Update of JCL manual to support MVS/System Product - JES2 Release 2 and JES3 Release 2 (5740-XYN, -XYS).
Manual, 8 1/2 x 11 inches, 150 pages, 12/80
////5740-XYN,5740-XYS

LD23-0189

SUPPLEMENT FOR OS/VS2 SYSTEM LOGIC LIBRARY (CURRENT RELEASE) VOLUME 5 TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
This volume contains enhancements to the task management, program management, and recovery termination management components in support of MVS/System Product 5740-XYN, -XYS.
This publication is intended for the use of system programmers.
Manual, 8 1/2 x 11 inches, 112 pages, 4/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GD23-0180

SUPPLEMENT FOR OS/VS2 SYSTEM PROGRAMMING LIBRARY DEBUGGING HANDBOOK, VOLUME 1 TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
This supplement reflects additions to Debugging Handbook (Vol. 1) in support of the event notification facility (ENF). It also contains updates to SVCs and SYSEVENTs.
This publication is intended for the use of system programmers.
Manual, 3 3/4 x 6 3/4 inches 67 pages, 4/80
////5740-XYN,5740-XYS

LD23-0190

SUPPLEMENT FOR OS/VS2 SYSTEM LOGIC LIBRARY (CURRENT RELEASE) VOLUME 6 TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
This supplement contains updates to Real Storage Management (RSM), Auxiliary Storage Management (ASM), and Machine Check Handler (MCH) in support of MVS/System Product 5740-XYN, -XYS.
Manual, 8 1/2 x 11 inches, 5/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SD23-0181

SUPPLEMENT FOR OS/VS2 SYSTEM PROGRAMMING LIBRARY DEBUGGING HANDBOOK, VOLUME 2 TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
This supplement reflects changes to data areas contained in Debugging Handbook (volume 2).
Manual, 3 3/4 x 6 3/4 inches, 236 pages, 4/80
////5740-XYN,5740-XYS

LD23-0191

SUPPLEMENT FOR OS/VS2 SYSTEM LOGIC LIBRARY (CURRENT RELEASE) VOLUME 7 TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
This supplement contains new and updated module descriptions for modules added or changed by MVS/System Product 5740-XYN, -XYS.
Manual, 8 1/2 x 11 inches, 5/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SD23-0182

SUPPLEMENT FOR OS/VS2 SYSTEM PROGRAMMING LIBRARY DEBUGGING HANDBOOK, VOLUME 3 TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
This supplement reflects changes to data areas contained in Debugging Handbook (volume 3).
Manual, 3 3/4 x 6 3/4 inches, 146 pages, 4/80
////5740-XYN,5740-XYS

LD23-0192

SUPPLEMENT FOR OS/VS2 MVS SYSTEM INITIALIZATION LOGIC TO MVS/SYSTEM PRODUCT 5740-XYN, -XYS
This supplement documents initialization logic changes required to support the following MVS/System Product (5740-XYN) features:

- Improved SMF data selection, collection, and recording; new facilities for functional accounting
- Improved SRM control and reporting mechanisms and easier usage of certain SRM capabilities
- An action message retention facility
- An event notification facility
- Dynamic path selection for online devices

Manual, 8 1/2 x 11 inches, 5/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SD23-0183

SUPPLEMENT FOR OS/VS2 SYSTEM PROGRAMMING LIBRARY: MVS DIAGNOSTIC TECHNIQUES TO OS/VS2 MVS/SYSTEM PRODUCTS, 5740-XYN, -XYS (CURRENT RELEASE)
This supplement contains diagnostic information for the MVS system control program with an MVS/System Product installed. It is intended for system programmers who are involved in debugging MVS system problems.
Manual, 8 1/2 x 11 inches, 240 pages, 7/80
////5740-XYN,5740-XYS

LD23-0193

SUPPLEMENT FOR OS/VS2 MVS I/O SUPERVISOR LOGIC TO MVS/SYSTEM PRODUCT 5740-XYN, -XYS, SY26-3823 (CURRENT RELEASE)
This supplement to OS/VS2 I/O Supervisor Logic documents changes to the I/O supervisor (IOS) in support of OS/VS2 MVS/System Product, Program Number. The purpose of I/O Supervisor Logic is to help system programmers and IBM personnel debug problems in IOS. This supplement reflects IOS changes in support of dynamic pathing, including descriptions of IECVIOSI (dynamic pathing initialization module) and IECVDPH (dynamic pathing module). This supplement also contains other miscellaneous technical and editorial changes.

GD23-0184

SUPPLEMENT FOR OS/VS2 SYSTEM PROGRAMMING LIBRARY OLIEP TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
This supplement to OS/VS2 System Programming Library: OLIEP, GC28-0675, shows how the New Systems Test (NST) data set can be used with OLIEP. NST is an IBM Maintenance Diagnostic Program for IBM 4341 Processors, and a NST-

- LD23
Manual, 8 1/2 x 11 inches, 100 pages, 4/80
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- LD23-0194
SUPPLEMENT FOR OS/VS2 MVS SYSTEM PROGRAMMING LIBRARY SERVICE AIDS LOGIC (CURRENT RELEASE) TO MVS/SYSTEM PRODUCT, 5740-XYS, -YXN
This supplement contains replacement pages for Service Aids Logic (SY28-0643) to support OS/VS2 MVS System Product. It provides a list of symbolic names with equated hexadecimal event identifiers (EIDs) for events traced by the Generalized Trace Facility (GTF). Service Aids Logic is intended to be used by system programmers and IBM program support representatives.
Manual, 8 1/2 x 11 inches, 10 pages, 5/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LD23-0195
SUPPLEMENT FOR OS/VS2 OLTEP LOGIC TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
This supplement shows how the New Systems Test (NST) data set is handled by OLTEP. NST is an IBM Maintenance Diagnostic Program for IBM 4341 Processors, and an NST-created data set does not require processing by the OLTEP editor.
Manual, 8 1/2 x 11 inches, 30 pages, 4/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- GD23-0201
SUPPLEMENT FOR OS/VS2 MVS SYSTEM PROGRAMMING LIBRARY SYS1-LOGREC ERROR RECORDING, VS2 RELEASE 3.7 TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
This supplement documents the SYS1-LOGREC support for DASD supplying physical IDs.
Manual, 8 1/2 x 11 inches, 8 pages, 5/80
////5740-XYN,5740-XYS
- LD23-0202
SUPPLEMENT FOR OS/VS2 MVS SYS1-LOGREC ERROR RECORDING LOGIC TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
This supplement documents the SYS1-LOGREC support for DASD supplying physical IDs.
Manual, 8 1/2 x 11 inches, 1 page, 5/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- GD23-0204
SUPPLEMENT FOR OS/VS2 MVS DATA FACILITY/DEVICE SUPPORT, 5740-AM7, TO SYSTEM MANAGEMENT FACILITIES
This supplement contains changes to record type 19 in support of Data Facility/Device Support.
Manual, 8 1/2 x 11 inches, 4 pages, 10/80
////5740-AM7
- GD23-0205
SUPPLEMENT FOR TSO COMMAND PACKAGE, 5740-XT6, TO OS/VS2 TSO TERMINAL MESSAGES
This supplement documents the messages changed/modified for the TSO Command Package Program Product.
Manual, 8 1/2 x 11 inches, 18 pages, 10/80
////5740-XT6
- SD23-0206
SUPPLEMENT FOR TSO COMMAND PACKAGE, 5740-XT6, TO OS/VS2 TSO TERMINAL USER'S GUIDE
This supplement describes one (1) new control variable (*SYSENV) and one (1) new built-in function (*NRSTR) developed in support of the TSO Command Package Program Product.
Manual, 8 1/2 x 11 inches, 6 pages, 10/80
////5740-XT6
- SD23-0207
SUPPLEMENT FOR TSO COMMAND PACKAGE, 5740-XT6, TO OS/VS2 COMMAND LANGUAGE REFERENCE
This supplement documents the commands/subcommands that have been modified for the TSO Command Package Program Product.
Manual, 8 1/2 x 11 inches, 28 pages, 10/80
////5740-XT6
- SD23-0208
SUPPLEMENT FOR TSO COMMAND PACKAGE, 5740-XT6, TO OS/VS2 TSO GUIDE TO WRITING A TERMINAL MONITOR PROGRAM OR A COMMAND PROCESSOR
This supplement documents the changes made to the following macros for the TSO Command Package Program Product: GETLINE, GTSIZE, IKJPOSIT, and PUTGET.
Manual, 8 1/2 x 11 inches, 20 pages, 10/80
////5740-XT6
- SD23-0209
SUPPLEMENT FOR TSO COMMAND PACKAGE, 5740-XT6, TO OS/VS2 MVS TSO COMMAND PROCESSOR
This supplement to OS/VS2 MVS SPL: TSO supports the TSO Command Package Program Product (5740-XT6).
Manual, 8 1/2 x 11 inches, 10/80
////5740-XT6
- LD23-0210
SUPPLEMENT FOR TSO COMMAND PACKAGE, 5740-XT6, TO TSO TERMINAL MONITOR PROGRAM AND SERVICE ROUTINES LOGIC
This supplement documents the modification made to the TMP and the service routines (PUTLINE, GETLINE, and PUTGET) in support of the TSO Command Package Program Product.
Manual, 8 1/2 x 11 inches, 10/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LD23-0212
SUPPLEMENT FOR EDIT TSO COMMAND PACKAGE, 5740-XT6, TO OS/VS2 TSO COMMAND PROCESSOR LOGIC VOLUME 2
This supplement documents the modification made to the following EDIT subcommand processors: ATTRIBUTE, CKPOINT, FREE, SAVE, PROFILE, and the access methcd services; in support of TSO Command Package Program Product.
Manual, 8 1/2 x 11 inches, 40 pages, 10/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LD23-0213
SUPPLEMENT FOR TSO COMMAND PACKAGE, 5740-XT6 TO OS/VS2 TSO COMMAND PROCESSOR LOGIC VOLUME 4
This supplement documents the program logic support to the following command processor for the TSO Command Package: ALLOCATE, ATTRIBUTE, FREE, AND PROFILE.
Manual, 8 1/2 x 11 inches, 10/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- GD23-0214
SUPPLEMENT FOR DATA/DEVICE SUPPORT, 5740-AM7, OS/VS2 SYSTEM MESSAGES
This supplement contains new and changed system messages to support Data Facility/Device Support (5740-AM7).
Manual, 8 1/2 x 11 inches, 20 pages, 10/80
////5740-AM7
- GD23-0215
SUPPLEMENT FOR DATA FACILITY/DEVICE SUPPORT, 5740-AM7, TO OS/VS2 MVS ROUTING AND DESCRIPTOR CODES
This supplement contains new and changed routing and descriptor codes for messages issued by Data Facility/Device Support, 5740-AM7.
Manual, 8 1/2 x 11 inches, 6 pages, 10/80
////5740-AM7
- GD23-0216
SUPPLEMENT FOR DATA FACILITY/DEVICE SUPPORT, 5740-AM7, TO OS/VS2 MVS SYSTEM CODES
This supplement contains a change to wait state code 05C to support Data Facility/Device Support, Program Number 5740-AM7.
Manual, 8 1/2 x 11 inches, 2 pages, 10/80
////5740-AM7
- GD23-0217
SUPPLEMENT FOR DATA FACILITY/DEVICE SUPPORT, 5740-AM7, TO OS/VS2 MVS SERVICE AIDS
This update to the OS/VS2 MVS SPL: Service Aids manual supports the Data Facility/Device Support program product (5740-AM7).
Manual, 8 1/2 x 11 inches, 6 pages, 10/80
////5740-AM7
- GD23-0218
SUPPLEMENT FOR DATA FACILITY/DEVICE SUPPORT, 5740-AM7, TO OS/VS2 MVS INITIALIZATION AND TUNING GUIDE
This update to the OS/VS2 MVS System Programming Library: Initialization and Tuning Guide describes how to specify an alternate master catalog.
Manual, 8 1/2 x 11 inches, 10/80
////5740-AM7
- GD23-0220
SUPPLEMENT FOR DATA FACILITY/DEVICE SUPPORT, 5740-AM7, TO OS/VS2 MVS SYSTEM COMMANDS
This supplement contains information related to the Data Facility/Device Support program product with an OS/VS2 MVS system control program. It is intended for system programmers who are involved with debugging MVS system problems.
Manual, 8 1/2 x 11 inches, 5 pages, 10/80
////5740-AM7
- GD23-0221
SUPPLEMENT FOR DATA FACILITY/DEVICE SUPPORT, 5740-AM7, TO OS/VS2 DEBUGGING HANDBOOK VOLUME 1
This supplement contains information related to the Data Facility Device Support program product with an OS/VS2 MVS system control program. It is intended for system programmers who are involved with debugging MVS system problems.
Manual, 8 1/2 x 11 inches, 6 pages, 10/80
////5740-AM7

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LD23-0222

SUPPLEMENT FOR MVS DATA FACILITY/DEVICE SUPPORT, 5740-AM7, TO SYSTEM INITIALIZATION LOGIC

This update to the OS/VS2 MVS System Initialization Logic manual supports the Data Facility/Device Support program product (5740-AM7).

Manual, 8 1/2 x 11 inches, 10/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SD23-0225

SUPPLEMENT FOR OS/VS2 MVS RESOURCE MANAGEMENT FACILITY TO MVS/SYSTEM PRODUCT RELEASE 2, 5740-XYN, 5740-XYS, REFERENCE AND USER'S GUIDE

This supplement contains changes to support Release 2 of MVS/System Products 5740-XYN, 5740-XYS.

Manual, 8 1/2 x 11 inches, 132 pages, 12/80
///5740-XY4

LD23-0226

SUPPLEMENT FOR OS/VS2 MVS RESOURCE MEASUREMENT FACILITY (RMP) VERSION 2, RELEASE 4, TO MVS/SYSTEM PRODUCT RELEASE 2, 5740-XYN, 5740-XYS

This supplement contains information for system programmers in support of MVS/System Products Release 2.

Manual, 8 1/2 x 11 inches, 156 pages, 12/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GD23-0227

SUPPLEMENT FOR SYSTEM PRODUCT, 5740-XYN, -XYS TO SYSTEM PROGRAMMING LIBRARY: TSO, GC28-0629

Supplement for item mentioned in title.

Manual, 8 1/2 x 11 inches, 100 pages, 1/81
///5740-XYN,5740-XYS

GD23-0228

SUPPLEMENT FOR OS/VS2 TSO TO COMMAND LANGUAGE REFERENCE

No abstract available.

Manual, 20 pages
///5740-XYN,5740-XYS

GD23-0229

SUPPLEMENT FOR OS/VS2 MVS SUPERVISOR SERVICES AND MACRO INSTRUCTIONS TO MVS SYSTEM PRODUCT 5740-XYN, 5740-XYS

The supplement, in support of MVS/System Product Release 2, adds information to the following macro instructions:

ENQ, DEQ, LINK, LOAD, SNAP, WTO, XCTL.
Manual, 8 1/2 x 11 inches, 76 pages, 12/80
///5740-XYN,5740-XYS

LD23-0232

OS/VS2 MVS DATA FACILITY/DEVICE SUPPORT RELEASE 1 ENHANCEMENTS, LIC PROG 5740-AM7, OS/VS2 I/O SUPERVISOR LOGIC

This supplement reflects I/O supervisor changes in support of the 3380 device with the 3880 speed matching buffer.

Manual, 8 1/2 x 11 inches, 52 pages, 12/81
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GD23-0233

SUPPLEMENT FOR DATA FACILITY EXTENDED FUNCTION, 5740-XYQ, TO VS2 SYSTEM MESSAGES, GC38-1002

Supplement containing new and changed VS2 system messages in support of Data Facility Extended Function, program number 5740-XYQ.

Manual, 8 1/2 x 11 inches, 104 pages, 2/81
///5740-XYQ

GD23-0234

SUPPLEMENT FOR DATA FACILITY EXTENDED FUNCTION 5740-XYQ TO MVS SYSTEM MANAGEMENT FACILITIES, GC28-1030-2

Documents the following new record types:

60 - Integrated Catalog Facility component or cluster created, updated, or deleted

61 - Integrated Catalog Facility entry defined

65 - Integrated Catalog Facility entry deleted

66 - Integrated Catalog Facility entry altered

Manual, 8 1/2 x 11 inches, 50 pages, 2/81

///5740-XYQ

LD23-0238

SUPPLEMENT FOR MVS DATA FACILITY DEVICE SUPPORT 5740-AM7 TO SYSTEM INITIALIZATION LOGIC, LY28-1050

This update describes the program logic enabling an alternate master (system) catalog.

Manual, 8 1/2 x 11 inches, 20 pages, 3/81
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SD23-9000

SUPPLEMENT FOR VM/370 SEPP TO INTRODUCTION, 5748-XE1

This publication serves as an introduction to the VM/370 System Control program. It is intended for anyone interested in VM/370. However, readers should have a basic understanding of IBM data processing.

This publication briefly describes the four components that comprise the VM/370 system; namely:

- CP (Control Program)
- CMS (Conversational Monitor System)
- RSCS (Remote Spooling Communications Subsystem)

•IPCS (Interactive Problem Control System)

Manual, 8 1/2 x 11 inches,

///5748-XE1

SD23-9001

SUPPLEMENT FOR VM/370 SEPP TO PLANNING & SYSTEM GENERATION GUIDE, 5748-XE1

This Supplement includes information pertinent to VM/370 System Extensions Program Product, which includes Shadow table maintenance facility, MVS/System Extensions support, Virtual storage preservation support, Accounting-records-to-disk support, Spool-files-to-tape support, CMS tape label processing, Terminal Native Mode, Single Process Mode in AP and MP Systems, Interactive Help Facility Under CMS, CMS File System Extensions, CMS/DOS Uplevel to DOS/VSE, Small CP Option, APL/Text Support for the IBM 8809 Tape Unit, and Support for the IBM 3310 and 3370 Direct Access Devices.

Manual, 8 1/2 x 11 inches,
///5748-XE1

SD23-9002

SUPPLEMENT FOR VM/370 SYSTEM EXTENSIONS TO OPERATORS GUIDE RELEASE 6, 5748-XE1

This supplement contains replacement pages for VM/370 Operator's Guide to support VM/370 System Extensions.

Manual, 8 1/2 x 11 inches, 136 pages, 6/79
///5748-XE1

SD23-9003

SUPPLEMENT FOR VM/370 SEPP TO SYSTEM PROGRAMMER'S GUIDE, 5748-XE1

Provides the detailed information the system programmer needs to understand and use Release 2 of the VM/370 System Extensions Program Product. This publication, which supplements the IBM Virtual Machine Facility/370: System Programmer's Guide, discusses:

- How VM/370 preserves virtual storage when a virtual machine becomes inoperative
- Changes the method that VM/370 uses to manage the real processor
- Changes to the favored execution performance option
- Changes to the information that the INECATE command provides
- Support for writing accounting records to disk and spool files to tape
- Support that expands a virtual machine's capability to control a 3270 display screen
- Requirements for using CMS/DOS tape label processing
- Support for fixed-block storage devices
- Support of the small-CP option
- Changes to the CMS file system
- Support for the 3289 Model 4 printer
- Multiple shadow-tale support
- MVS/System Extensions support
- Dynamic SCP transition to or from native mode
- Single processor mode

Prerequisite Publication: IBM Virtual Machine Facility/370: System Programmer's Guide, GC20-1807.

Manual, 8 1/2 x 11 inches,

///5748-XE1

SD23-9004

SUPPLEMENT FOR VM/370 SEPP, 5748-XE1, TO SYSTEM MESSAGES, GC20-1808

This supplement contains replacement pages to support VM/370 System Extensions.

Manual, 8 1/2 x 11 inches, 168 pages, 5/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

SD23-9005

SUPPLEMENT FOR VM/370 SEPP OLITSEF AND ERROR RECORDING GUIDE, 5748-XE1

This supplement SD23-9005 corresponds to VM/370 System Extensions, Release 2 and contains new and updated information about:

Support for the IBM 3310 and 3370 Direct Access Devices.

Manual, 8 1/2 x 11 inches,

///5748-XE1

SD23-9008

SUPPLEMENT FOR VM/370 SYSTEM EXTENSIONS TO CMS COMMANDS AND MACRO REFERENCE 5748-XE1 (CURRENT RELEASE)

This supplement in support of VM/370 System Extensions contains new and updated information about:

- CMS Tape Label Processing Support
- Full Screen Support
- Interactive Help Facility under CMS
- CMS File System Enhancements
- DMS/DOS Uplevel to DOS/VSE
- Display Control for the 3270
- Support for the IBM 3289 Model 4 Printer
- Support for the IBM 8809 Tape Unit
- Support for the IBM 3310 and 3370 Direct Access Devices

Manual, 8 1/2 x 11 inches, 3/78

///5748-XE1

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SD23-9010

SUPPLEMENT FOR VM/370 SYSTEM EXTENSIONS TO GENERAL USERS GUIDE, PROG PROD 5748-XE1

This supplement corresponds to VM/370 System Extensions, Release 2, and contains new and updated information about:

- APL/Text Support for 3270
 - Display Control for the 3270
 - Support for the IBM 3289 Model 4 Printer
 - Support for the IBM 3310 and 3370 Direct Access Devices
- Manual, 8 1/2 x 11 inches
 ///5748-XE1

SD23-9023

SUPPLEMENT FOR VM/370 BSEPP TO VM/370 CMS COMMAND AND MACRO REFERENCE, 5748-XX8

This supplement in support of VM/370 Basic System Extensions contains new and updated information about:

- CMS Tape Label Processing Support
 - Full Screen support
 - Interactive Help Facility under CMS
 - CMS File System Enhancements
 - CMS/DOS Uplevel to DOS/VSE
 - Display Control for the 3270
 - Support for the IBM 3289 Model 4 Printer
 - Support for the IBM 8809 Tape Unit
 - Support for the IBM 3310 and 3370 Direct Access Devices.
 - Full screen support
- Manual, 8 1/2 x 11 inches,
 ///5748-XX8

SD23-9025

SUPPLEMENT FOR VM/370 BSEPP TO VM/370 CP COMMAND REFERENCE FOR GENERAL USERS, 5748-XX8

This document supports the VM/370 Basic System Extensions Program Product. It contains:

- Resource management facilities subset
 - Virtual storage preservation support
 - Accounting-records-on-disk support
 - Spool-files-to-tape support
 - Full screen support
 - Enhanced 3270 support
 - APL/Text support for the 3270
 - Device support for 4300 processors
- Manual, 8 1/2 x 11 inches
 ///5748-XX8

LD23-9033

SUPPLEMENT FOR VM/370 BSEPP SYSTEM LOGIC AND PROBLEM DETERMINATION GUIDE (VOLUME 2), 5748-XX8

The IBM Virtual Machine Facility/370 Basic System Extensions program product provides significant performance and functional enhancements to the VM/370 system control program. These enhancements are:

- Support for the 3310 and 3370 direct access devices
- CMS File System enhancements
- Interactive HELP facility under CMS
- CMS/DOS uplevel to DOS/VSE

Manual
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LD23-9034

SUPPLEMENT FOR VM/370 SEPP SERVICE ROUTINES TO LOGIC, 5748-XE1

This supplement contains, in addition to functions available in the initial release of VM/370 System Extensions, the following:

- Support for the IBM 3289 Model 4 Printer
- Support for the IBM 8809 Tape Unit
- Support for the IBM 3310 and 3370 Direct Access Devices.

Manual, 8 1/2 x 11 inches,
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LD23-9035

SUPPLEMENT FOR VM/370 SEPP TO DATA AREAS AND CONTROL BLOCK LOGIC

In addition to functions available in the initial release of VM/370 System Extensions, this supplement contains:

- Interactive Help Facility Under CMS
- CMS File System Extensions
- CMS Tape Command Performance Improvement
- CMS/DOS Uplevel to DOS/VSE
- CMS Use of CP Page Management Interfaces
- CP Performance Extensions
- APL/Text Support for the 3270
- Display Control for the 3270
- Support for the IBM 3289 Model 4 Printer
- Support for the IBM 8809 Tape Unit
- Support for the IBM 3310 and 3370 Direct Access Devices

Manual, 8 1/2 x 11 inches
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LD23-9037

SUPPLEMENT FOR VM/370 SEPP SYSTEM TO LOGIC AND PROBLEM DETERMINATION GUIDE VOL 2, 5748-XE1

This supplement contains, in addition to functions available in the initial release of VM/370 System Extensions, the following:

- Interactive HELP Facility Under CMS
- CMS File System Extensions
- CMS Tape Command Performance Improvement

- CMS/DOS Uplevel to DOS/VSE
 - Support for the IBM 3310 and 3370 Direct Access Devices
- Manual, 8 1/2 x 11 inches,
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SD25-0006

SUPPLEMENT FOR SU20 TO VS1 IPL & NIP LOGIC: 3031, 3032, & 3 PROCESSOR SUPPORT, 5741-620

This manual is a supplement to OS/VS1 IFI and NIP Logic, SY24-5160-4. It documents OS/VS1 3031, 3032, 3033 Processor Support. It describes changes to NIP for those processors. Manual, 8 1/2 x 11 inches, 28 pages, 3/78
 ///5741-620

GD25-0013

SUPPLEMENT FOR SU20 TO OS/VS1 SYSTEM GENERATION REFERENCE: OS/VS1 3031, 3032, 3033 PROCESSOR SUPPORT, 5741-620

This supplement, part of VS1 SU20 (SUID 5741-620) documents changes in the starter system and the following system generation macro instructions: CENPROCS, CTRLPROG, CATASET, IODEVICE, SCHEDULR, and SECONSOLE. This supplement applies to OS/VS1 System Generation Reference, GC26-3791-8. Manual, 8 1/2 x 11 inches, 48 pages, 3/78
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LD25-0014

SUPPLEMENT FOR VS1 & MVS PROGRAMMED CRYPTOGRAPHIC FACILITY, 5740-XY5, TO VS1 SYSTEM DATA AREAS

This publication supplements the OS/VS1 System Data Areas, SY28-0605-5, for the OS/VS1 Programmed Cryptographic Facility. It documents a change to the OS/VS1 and OS/VS2 Common Extension of the CVT - a portion of a reserved area is now being used to contain the Cryptographic CVT address. Manual, 3 11/16 x 6 3/4 inches, 8 pages, 5/78
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SD25-0019

SUPPLEMENT FOR OS/VS1 RES ENHANCED FUNCTION TO OS/VS1 RES WORKSTATION USER'S GUIDE, GC28-6879-3, 5740-XYE

This publication supplements the OS/VS1 RES Workstation User's Guide, GC28-6879-3, for the OS/VS1 RES Enhanced Function Program Product. It contains the small amount of information needed by the workstation user. Manual, 8 1/2 x 11 inches, 12 pages, 1/79
 ///5740-XYE

SD25-0020

SUPPLEMENT FOR OS/VS1 RES ENHANCED FUNCTION TO OS/VS1 RES SYSTEM PROGRAMMER'S GUIDE, GC28-6878-4, 5740-XYE

This publication supplements the OS/VS1 RES System Programmer's Guide, GC28-6878-4, for the OS/VS1 RES Enhanced Function Program Product. It provides the information needed by the system program for new SNA LU Type 4 device support and SNA enhancements for LU types 1 and 4. Manual, 8 1/2 x 11 inches, 48 pages, 1/79
 ///5740-XYE

LD25-0021

SUPPLEMENT FOR OS/VS1 RES ENHANCED FUNCTION TO OS/VS1 RES RTAM AND WORKSTATION SUPPORT LOGIC, SY28-6849-4, 5740-XYE PROGRAM LOGIC

This publication supplements the OS/VS1 RES RTAM and Workstation Support Logic, SY28-6849-4, for the OS/VS1 RES Enhanced Function Program Product. It provides the information needed by those in maintaining and/or modifying RES for the new SNA device support and SNA enhancements for LY types 1 and 4. Manual, 8 1/2 x 11 inches, 92 pages, 1/79
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LD25-0029

SUPPLEMENT FOR OS/VS1 JOB MANAGEMENT LOGIC VOLUME 1 TO OS/VS1 BASIC PROGRAMMING EXTENSIONS, 5662-257 (CURRENT RELEASE)

This licensed manual is a supplement to, and provides replacement pages for, OS/VS1 Job Management Logic Volume 1, SY24-5168-1. It documents changes caused by support for OS/VS1 Basic Programming Extensions, Program Number 5662-257. Manual, 8 1/2 x 11 inches, 48 pages, 6/80
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LD25-0030

SUPPLEMENT FOR OS/VS1 JOB MANAGEMENT LOGIC VOLUME 2 TO OS/VS1 BASIC PROGRAMMING EXTENSIONS, 5662-257 (CURRENT RELEASE)

This licensed manual is a supplement to, and provides replacement pages for, OS/VS1 Job Management Logic Volume 2, SY24-5169-1. It documents changes caused by support for OS/VS1 Basic Programming Extensions, Program Number 5662-257. Manual, 8 1/2 x 11 inches, 24 pages, 6/80
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SD25-0031

SUPPLEMENT FOR BASIC PROGRAMMING EXTENSIONS TO OS/VS1 JCL REFERENCE, 5662-257 (CURRENT RELEASE)

This manual is a supplement to, and provides replacement

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- pages for, OS/VS1 JCL Reference, GC24-5099-4. It documents changes caused by support for OS/VS1 Basic Programming Extensions, Program Number 5662-257.
Manual, 8 1/2 x 11 inches, 28 pages, 6/80
////5662-257
- SD25-0032
SUPPLEMENT FOR BASIC PROGRAMMING EXTENSIONS TO OS/VS1 JCL SERVICES, 5662-257
This manual is a supplement to, and provides replacement pages for, OS/VS1 JCL Services, GC24-5100-4. It documents changes caused by support for OS/VS1 Basic Programming Extensions, Program Number 5662-257.
Manual, 8 1/2 x 11 inches, 20 pages, 6/80
////5662-257
- LD25-0033
SUPPLEMENT FOR BASIC PROGRAMMING EXTENSIONS TO OS/VS1 SYSTEM DATA AREAS, 5662-257
This licensed manual is a supplement to, and provides replacement pages for, OS/VS1 System Data Areas, SY28-0605-6. It documents changes caused by support for OS/VS1 Basic Programming Extensions, Program Number 5662-257.
Manual, 3 3/4 x 6 3/4 inches, 80 pages, 6/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- SD25-0034
SUPPLEMENT FOR BASIC PROGRAMMING EXTENSIONS TO OS/VS1 SYSTEM GENERATION REFERENCE 5662-257 (CURRENT RELEASE)
This manual is a supplement to, and provides replacement pages for, OS/VS1 System Generation Reference, GC26-3791-9. It documents changes caused by support for OS/VS1 Basic Programming Extensions, Program Number 5662-257.
Manual, 8 1/2 x 11 inches, 68 pages, 6/80
////5662-257
- LD25-0035
SUPPLEMENT FOR BASIC PROGRAMMING EXTENSIONS TO OS/VS1 IPL AND NIP LOGIC, 5662-257 (CURRENT RELEASE)
This licensed manual is a supplement to, and provides replacement pages for, OS/VS1 IPL and NIP Logic, SY24-5160-4. It documents changes caused by support for OS/VS1 Basic Programming Extensions, Program Number 5662-257.
Manual, 8 1/2 x 11 inches, 24 pages, 6/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- SD25-0036
SUPPLEMENT FOR BASIC PROGRAMMING EXTENSIONS TO OS/VS1 SERVICE AIDS, 5662-257 (CURRENT RELEASE)
This manual is a supplement to, and provides replacement pages for, OS/VS1 Service Aids, GC28-0665-2. It documents changes caused by support for OS/VS1 Basic Programming Extensions, Program Number 5662-257.
Manual, 8 1/2 x 11 inches, 36 pages, 6/80
////5662-257
- LD25-0037
SUPPLEMENT FOR BASIC PROGRAMMING EXTENSIONS, TO OS/VS1 SERVICE AIDS LOGIC, 5662-257 (CURRENT RELEASE)
This licensed manual is a supplement to, and provides replacement pages for, OS/VS1 Service Aids Logic, SY28-0635-3. It documents changes caused by support for OS/VS1 Basic Programming Extensions, Program Number 5662-257.
Manual, 8 1/2 x 11 inches, 20 pages, 6/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- SD25-0038
SUPPLEMENT FOR BASIC PROGRAMMING EXTENSIONS TO OS/VS1 SYSTEM MANAGEMENT FACILITIES, 5662-257 (CURRENT RELEASE)
This manual is a supplement to, and provides replacement pages for, OS/VS1 System Management Facilities (SMF), GC24-5115-2. It documents changes caused by support for OS/VS1 Basic Programming Extensions, Program Number 5662-257.
Manual, 8 1/2 x 11 inches, 60 pages, 6/80
////5662-257
- SD25-0039
SUPPLEMENT FOR BASIC PROGRAMMING EXTENSIONS, 5662-257 (CURRENT RELEASE), TO OS/VS1 STORAGE ESTIMATES, GC24-5094-7
This manual is a supplement to, and provides replacement pages for, OS/VS1 Storage Estimates, GC24-5094-7. It documents changes caused by support for OS/VS1 Basic Programming Extensions, Program Number 5662-257.
Manual, 8 1/2 x 11 inches, 80 pages, 6/80
////5662-257
- SD25-0041
SUPPLEMENT FOR BASIC PROGRAMMING EXTENSIONS TO OPERATOR'S LIBRARY: OS/VS1 REFERENCE, 5662-257 (CURRENT RELEASE)
Documents additions to the Operator's Library: OS/VS1 Reference, for Basic Programming Extensions.
Manual, 8 1/2 x 11 inches, 12 pages, 6/80
////5662-257
- SD25-0042
SUPPLEMENT FOR BASIC PROGRAMMING EXTENSIONS TO OS/VS1 PROGRAMMER'S REFERENCE DIGEST, 5662-257
Documents additions to Programmer's Reference Digest for Basic Programming Extensions. Includes sense bytes for the IBM 3263 Printer, SVC 141 for IUCV, and new operands for the DUMP and SET operator commands.
Manual, 3 3/4 x 6 3/4 inches, 16 pages, 6/80
////5662-257
- SD25-0043
SUPPLEMENT FOR BASIC PROGRAMMING EXTENSIONS TO OS/VS1 DEBUGGING GUIDE, 5662-257 (CURRENT RELEASE)
Documents additions to OS/VS1 Debugging Guide for Basic Programming Extensions. Includes sense bytes for the IBM 3263 Printer, SVC 141 for IUCV, and changes to the CVT for IOS Problem Determination Area and the IUCV Vector Table.
Manual, 8 1/2 x 11 inches, 12 pages, 6/80
////5662-257
- SD25-0044
SUPPLEMENT FOR BASIC PROGRAMMING EXTENSIONS, RELEASE 1 TO OS/VS1 PLANNING AND USE GUIDE, 5662-257
Documents additions to OS/VS1 Planning and Use Guide for Basic Programming Extensions, Release 1. Includes information for Enhanced Dump Facility, Inter-User Communications Vehicle, IBM 3380 DASD, and IBM 3263 Printer.
Manual, 8 1/2 x 11 inches, 32 pages, 6/80
////5662-257
- LD25-0045
SUPPLEMENT FOR BASIC PROGRAMMING EXTENSIONS 5665-257 TO OS/V SUPERVISOR LOGIC, SY24-5155 (CURRENT RELEASE)
Documents additions to OS/VS1 Supervisor Logic for Basic Programming Extensions. Includes information on Enhanced Dump Facility.
Manual, 8 1/2 x 11 inches, 44 pages, 6/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LD25-0046
SUPPLEMENT FOR BASIC PROGRAMMING EXTENSIONS TO OS/VS1 I/O SUPERVISORY LOGIC, 5662-257 (CURRENT RELEASE)
Documents additions to OS/VS1 I/O Supervisor Logic for Basic Programming Extensions. Includes information on the IBM 3262 Printer and the ICS Problem Determination Area.
Manual, 8 1/2 x 11 inches, 12 pages, 6/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- SD26-6006
SUPPLEMENT FOR SAM-E, 5740-AM3, TO MVS DATA MANAGEMENT MACRO INSTRUCTIONS
This document adds information about the Data Management-Extended Program Product to the book with the above title and form number.
Manual, 8 1/2 x 11 inches, 12 pgs, 1/78
////5740-AM3
- SD26-6011
SUPPLEMENT FOR OS/VS VSAM OPTIONS FOR ADVANCED APPLICATIONS, 5740-XYG
This supplement adds information on the OS/VS Mass Storage System Extensions, program number 5740-XYG, to the base publication, GC26-3819.
Manual, 8 1/2 x 11 inches, 30 pages, 4/79
////5740-XYG
- LD26-6013
SUPPLEMENT FOR MSSE TO MVS ACCESS METHOD SERV LOGIC, 5740-XYG
The base book describes the internal logic of OS/VS2 Access Method Services routines and provides diagnostic information. This information is directed to support personnel who require a knowledge of the program's design, organization, and data areas. The book is not required for effective use of Access Method Services.
This supplement describes Access Method Services Logic Support for the Mass Storage System program product, program number 5740-XYG.
Manual, 8 1/2 x 11 inches, 30 pages, 4/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LD26-6014
SUPPLEMENT FOR OS/VS1 ACCESS METHOD SERVICES LOGIC, 5740-XYG
The base book describes the internal logic of the routines of Access Method Services and provides diagnostic information. This information is directed to support personnel who require knowledge of the program's design, organization, and data areas. It is not required for effective use of Access Method Services. You should be familiar with general programming techniques, OS/VS VSAM concepts and use, and System/370 before turning to this publication.
This supplement describes Access Method Services Logic support for the Mass Storage System program product, program number 5740-XYG.
Manual, 8 1/2 x 11 inches, 30 pages, 4/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GD26

GE20

- GD26-6017
SUPPLEMENT FOR MVS 3800 ENHANCEMENTS MVS DATA MANAGEMENT
This supplement supports the OS/VS2 MVS 3800 Enhancements for the above title and order number.
Manual, 8 1/2 x 11 inches, 8 pages, 11/79
///3800/5752
- GD26-6018
SUPPLEMENT FOR MVS 3800 ENHANCEMENTS MVS DATA MANAGEMENT MACRO INSTRUCTIONS
This supplement supports OS/VS 2 MVS 3800 Enhancements for the above title and order number.
Manual, 8 1/2 x 11 inches, 24 pages, 11/79
///3800/5752
- GD26-6021
SUPPLEMENT FOR OS/VS1 DATA MANAGEMENT FOR SYSTEM PROGRAMMERS
This supplement supports the OS/VS1 3800 Enhancements for the above title and order number.
Manual, 8 1/2 x 11 inches, 12 pages, 12/79
///3800/5652
- GD26-6022
SUPPLEMENT FOR OS/VS1 DATA MANAGEMENT FOR MACRO INSTRUCTIONS
This supplement supports the OS/VS1 3800 Enhancements for the above title and order number.
Manual, 8 1/2 x 11 inches, 28 pages, 12/79
///3800/5652
- GD26-6023
SUPPLEMENT FOR OS/VS1 DATA MANAGEMENT TO SERVICES GUIDE
This supplement supports the OS/VS1 3800 Enhancements for the above title and order number.
Manual, 8 1/2 x 11 inches, 16 pages, 12/79
///3800/5652
- LD26-6025
SUPPLEMENT FOR MVS DATA FACILITY/DEVICE SUPPORT, 5740-AM7, OS/VS2 OPEN/CLOSE/EOV LOGIC
This supplement supports the Data Facility/Device Support Program Product for the above order number.
Manual, 8 1/2 x 11 inches, 14 pages, 10/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LD26-6026
SUPPLEMENT FOR DATA FACILITY/DEVICE SUPPORT, 5740-AM6 AND 5740-AM7, TO OS/VS UTILITIES LOGIC
This supplement supports the Data Facility/Device Support Program Product for the above order number.
Manual, 8 1/2 x 11 inches, 40 pages, 10/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- GD26-6027
SUPPLEMENT FOR MVS/SP, 5740-XYN AND 5740-XY5, TO SYSTEM GENERATION REFERENCE
This supplement contains information on system generation to support OS/VS2 MVS/System Product Release 1 enhancements.
Manual, 8 1/2 x 11 inches, 16 pages, 12/80
///5740-XYN,5740-XY5
- SD26-6029
SUPPLEMENT FOR DOS PL/I OPTIMIZING COMPILER 5736-PL1, -LM4, -LM5, -PL3, TO INSTALLATION, SC33-0020
This publication is primarily for readers who are responsible for the installation of the DOS PL/I Optimizing Compiler and the resident and transient libraries under DOS or CMS. It describes how to install the compiler and the libraries. The installer should already be familiar with the operating system used by the installation and the job control language used. For A/FE use only.
Manual, 8 1/2 x 11 inches, 25 pages, 8/80
- LD26-6031
SUPPLEMENT TO OS/VS2 VSAM LOGIC FOR DATA FACILITY DEVICE SUPPORT 5740-AM7
This supplement supplies information about the program product Data Facility Device Support Enhancements.
Manual, 8 1/2 x 11 inches, 24 pages, 12/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LD26-6032
SUPPLEMENT FOR DATA FACILITY EXTENDED FUNCTION 5740-XYQ TO OS/VS2 MVS VSAM LOGIC, SY26-3825
This supplement adds information about the Data Facility Extended Function program product (5740-XYQ) to OS/VS2 MVS VSAM LOGIC, SY26-3825.
Manual, 8 1/2 x 11 inches, 90 pages, 2/81
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LD26-6033
SUPPLEMENT FOR AMS CRYPTOGRAPHIC OPTION 5740-AM8 TO AMS LOGIC LY28-3888
This supplement adds information about the AMS Cryptographic Option program product (5740-AM8) to Data Facility Extended Function AMS Logic, LY28-3888.
Manual, 8 1/2 x 11 inches, 50 pages, 2/81
- SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LD26-6034
SUPPLEMENT FOR DATA FACILITY EXTENDED FUNCTION 5740-XYQ TO OS/VS UTILITIES LOGIC, SY35-0005
This supplement adds information about the Data Facility Extended Function program product (5740-XYQ) to OS/VS Utilities Logic, SY35-0005.
Manual, 8 1/2 x 11 inches, 10 pages, 2/81
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LD26-6035
SUPPLEMENT TO OS/VS2 CHECKPOINT/RESTART LOGIC FOR DATA FACILITY DEVICE SUPPORT, 5740-AM7
This supplement supplies information about the program product Data Facility Device Support Enhancements.
Manual, 8 1/2 x 11 inches, 36 pages, 12/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LD26-6037
SUPPLEMENT TO OS/VS2 SAM-EXTENDED LOGIC FOR DATA FACILITY DEVICE SUPPORT, 5740-AM7
This supplement supplies information about the program product Data Facility Device Support Enhancements.
Manual, 8 1/2 x 11 inches, 24 pages, 12/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- GE19-5207
IMPROVED PROGRAMMING TECHNOLOGIES REFERENCE CARD STRUCTURED PROGRAMMING
The System Productivity Facility (SPF) is a program product which assists in program development. SPF is designed to take advantage of the characteristics of IBM 3270 display terminals and increase productivity in an interactive environment for users of both structured and conventional programming techniques.
The System Productivity Facility replaces the Structured Programming Facility (5740-XT8, 5748-XT3) program products. The name has been changed to reflect the expansion of the product capabilities beyond structured programming. SPF includes significant new functions that simplify the development of interactive applications. New services are provided to display predefined screen images, build and maintain permanent tables of user information, and generate output files for job submission or other processing.
Reference card, 215 x 96 mm, 16 pages, 11/80
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GE19-5234
IBM DP SYSTEMS HANDBOOK
The IBM Systems Handbook has been produced in order to give "first level" information on a number of topics and IBM products. It is not intended to replace any IBM manuals or other publications. It should not be considered as a proposal or offer for sale for any IBM products whether mentioned therein or not. It should not be regarded as a configurator aid. Assistance in determining the most satisfactory configuration for any particular application or series of applications must be obtained from your IBM representative or appropriate IBM Marketing or Installation Center.
Manual, 350 pages, 9/80
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GE19-5302
JES3 INSTALLATION GUIDE: INSTALLATION MANAGEMENT
This guide was developed by the Job Entry Subsystem (JES) team, at the IBM United Kingdom Installation Support Centre, from experiences acquired in assisting JES3 accounts throughout Europe. It is intended primarily for system engineers and programmers at JES3 installations, but also contains information that may be useful for other individuals, for example, software customer engineers or operators. It may also assist installation staff who are considering changing to JES3 from another subsystem, such as, JES2, VS1, or JES/RES.
Manual, 8 1/2 x 11 inches, 62 pages, 1/81
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GE20-0312
PREFACE TO PL/I PROGRAMMING IN SCIENTIFIC COMPUTING
In a brief and simple manner, this manual:
-Lists some problems arising in industry, business, science, and engineering
-Survey the mathematical, statistical, and operations research (OR) by which these problems are solved
-Tells how a few of such techniques and models are programmed for computers using the PL/I language
The major portion of the manual concentrates on PL/I. The essentials are brought out mostly by the many short examples and the summary exhibits.
Manual
SLSS - ORDER NO. SUBSCRIPTION ONLY

GF20

GG22

GF20-8172

SYSTEMS MANAGEMENT BIBLIOGRAPHY

This bibliography lists and categorizes selected IBM publications on the management of data processing, data security, auditability, and generally useful application development techniques and includes texts, manuals, briefs, and articles as well as certain forms, templates, bibliographies, and indexes.

In most cases, the publications are applicable to various IBM data processing systems; publications applicable to a specific data processing system can be found in that system's bibliography.

Special Bibliography, 8 1/2 x 11 inches, 20 pgs, 6/77

3031,3032,3138,3148,2030,2040,2044,2050,2065,2067,2075,2091,2025,2085,3195,3115,3033,3155,3165,3145,3135,2022,3158,3168,3125,8130,8140,4331,4341,3081//00//

LGF6-0101

OS/VS1 MASS STORAGE SYSTEM EXTENSIONS, LIC PROG 5740-XYG, MICROFICHE LISTINGS

This document contains assembler listings for all 'Mass Storage System Extensions' modules. A prologue is provided for each module which describes what the module does and how it is done. This document is intended for use by IBM personnel for the correction of program design errors.

Microfiche, 37 cards, 5/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LGF6-0102

MASS STORAGE SYSTEM EXTENSIONS, LIC PROG 5740-XYG, MICROFICHE LISTINGS

This document contains assembler listings for all "Mass Storage System Extensions" modules. A prologue is provided for each module which describes what the module does and how it is done. This document is intended for use by IBM personnel for the correction of program design errors.

Microfiche, 40 cards, 4/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LGF6-0104

IMS/VS DATA BASE RECOVERY CONTROL, LIC PROG 5740-XXZ VERSION 1 RELEASE 2

This document contains assembler listings for all DBRC modules. A prologue is provided for each module which describes what the module does and how it is done. This document is intended for use by programmers for the correction of program design errors.

Microfiche, 41 cards, 3/81

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GG22-9018

VS1 TO MVS CONVERSION PLANNING GUIDE

The installation planning information contained in this bulletin can be helpful in assisting a VS1 account to define and develop a VS1 to MVS conversion plan. Areas such as justification, staffing, education, SCP incompatibilities, and MVS implementation are addressed. Copies from two foil presentations addressing conversion planning are provided with the technical bulletin.

Technical Bulletin, 8 1/2 x 11 inches, 68 pages, 2/78

SLSS - ORDER NO. SUBSCRIPTION ONLY

GG22-9020

3031, 3032, 3033 PROCESSOR COMPLEX CHANNEL CONFIGURATION GUIDELINES

The purpose of these Channel Configuration Guidelines is to provide an overview of the IBM 3031, 3032, and 3033 Processor Complex channels, review some key terms and definitions, and provide a set of guidelines for attaching the I/O devices to the channels. The guidelines are designed to optimize the performance of the I/O configuration. These guidelines do not address attaching devices with a two-byte I/O interface (i.e., IBM 2305-1 Fixed Head Storage and IBM 3838 Array Processor).

Technical manual, 8 1/2 x 11 inches, 60 pages, 8/80

SLSS - ORDER NO. SUBSCRIPTION ONLY

GG22-9023

AN MVS TUNING PERSPECTIVE

There are several requirements to be effective in tuning MVS. Among them are knowledge of MVS operation, knowledge of the particular system to be tuned, and tuning experience. This paper addresses the latter skill; experience. It does so by sharing with the reader the tuning experiences of the DP Washington Systems Center staff.

Specifically this paper is intended to:

1. Provide an approach to tuning an MVS system
2. Suggest actions MVS installations can take to manage performance.

Technical bulletin, 8 1/2 x 11 inches, 124 pages, 5/80

//34//5752

GG22-9029

MVS SYSTEM EXTENSIONS RELEASE 2 PRODUCT PRESENTATION

This technical bulletin contains a presentation on Release 2.0 of the MVS/System Extensions program product. The text associated with each visual is not a presentation script, but is intended to provide the presenter with some guidance on the significant points to make during a presentation. It is also intended to provide some explanation of the points covered on the visuals, allowing the presenter freedom to choose the level of detail for a presentation.

This bulletin does not contain a comprehensive explanation of all the functions included in MVS/SE Release 2. For complete documentation, refer to the Publications Support section of the MVS/System Extensions Release 2 General Information Manual, GC28-0872-4, for a list of System Library supplements. For planning purposes, also refer to MVS/System Extensions Release 2.0 Planning Information, GG22-9028-00.

Technical bulletin, 8 1/2 x 11 inches, 80 pages, 11/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

GG22-9044

SYSTEMS MODIFICATION PROGRAM RELEASE 4 (SMP-4) CONSIDERATIONS

The purpose of this document is to provide some informal guidance in the use of SMP Release 4 which goes beyond the SMP System Programmer's Guide. The topics chosen were derived from questions raised by SMP users in APARS, at SHARE and GUIDE meetings and reader's comment forms. Many of the suggestions presented have come from the real experiences of users in the MVS 3.8 and VS1 6.7 environments.

Technical bulletin, 8 1/2 x 11 inches, 64 pages, 6/80

SLSS - ORDER NO. SUBSCRIPTION ONLY

GG22-9045

VM-USAGE CAPACITY PLANNING

This bulletin discusses the application of USAGE (Understanding your System and Growth Environment) to VM/370 systems, and includes examples and worksheets.

Technical bulletin, 8 1/2 x 11 inches, 1/81

SLSS - ORDER NO. SUBSCRIPTION ONLY

GG22-9048

OS/VS VSAM RECOVERY GUIDE

This document provides a guide to recovery for VSAM catalogs and datasets. The emphasis is on planning a strategy for backup and recovery so that recovery can be performed in a controlled fashion.

Technical manual, 8 1/2 x 11 inches, 80 pages, 7/80

SLSS - ORDER NO. SUBSCRIPTION ONLY

GG22-9050

MSS CAPACITY PLANNING

This bulletin is intended to provide technical understanding of performance and capacity planning for the MSS subsystem. Included are the various factors which would be monitored, as well as the tools and data which can be used. Also included are appropriate guidelines where applicable.

Technical bulletin, 8 1/2 x 11 inches, 60 pages, 6/80

SLSS - ORDER NO. SUBSCRIPTION ONLY

GG22-9156

THE AVAILABILITY MANAGER - AN APPROACH TO IMPROVING DP SYSTEMS AVAILABILITY

The Palo Alto Marketing Support Systems Center (MSSC) has implemented the Availability Manager concept in an attempt to focus the resources of the center on improving and maintaining the availability of five interactive systems. This document describes the responsibilities of the Availability Manager in the MSSC, the reasons for establishing the position, and the way that the position functions in the MSSC environment.

Manual, 24 pages, 10/80

SLSS - ORDER NO. SUBSCRIPTION ONLY

GG22-9200

JES3 - A PRIMER

This publication is designed to serve as a learning aid for those who have a need to expand their knowledge of JES3 and its relationships to MVS. The most valuable use of this material will be a supplementary text for the standard JES3 Courses offered by the IBM Advanced Education Centers.

Technical bulletin, 8 1/2 x 11 inches, 100 pages, 6/80

SLSS - ORDER NO. SUBSCRIPTION ONLY

GG22-9204

RECOVERY FROM MSS INVENTORY AND TABLE MISMATCHES

The IBM 3850 Mass Storage System (MSS) maintains information about virtual volumes in the inventory data set and in the Mass Storage Control (MSC) Tables. This information must be consistent within itself and must refer to validly assigned cartridges in, or legally ejected from, the library.

This report gives guidance and sample job streams for recovery from 54 specific mismatch situations using standard AMS and recovery from a further twelve situations using AMS and the MSC Table Maintenance IUP (5796-PHY).

Technical bulletin, 8 1/2 x 11 inches, 76 pages, 9/80

SLSS - ORDER NO. SUBSCRIPTION ONLY

GG22-9207

JES2 INTERNAL READER PROCESSING

This bulletin is the published version of a user group presentation dealing with the JES2 Internal Reader Facility and its uses. Intended audience is MVS System Programmers.

Technical bulletin, 8 1/2 x 11 inches, 12/80

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GG22

GG24

- GG22-9208
VM/SP PERFORMANCE
This bulletin examines the facilities provided with VM/SP as distinct from SEPP or BSEPP and discusses the performance of the product in several environments. Intended audience is system programmers.
Technical bulletin, 8 1/2 x 11 inches, 36 pages, 12/80
//20//5664-167
- GG22-9210
3033 MP/AP INSTALLATION NOTEBOOK
This bulletin discusses the installation of a 3033 MP/AP planning; recovery; subsystem considerations; problem analysis; and VM/370 considerations.
Technical bulletin, 8 1/2 x 11 inches, 1/81
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GG22-9212
VM/SP MP AND ENHANCED AP SUPPORT
This document describes the design of the enhancements made to AP support for VM/SP Release 1, and the logic of the VM/SP real MP support. Intended audience is system programmers.
Technical bulletin, 8 1/2 x 11 inches, 12/80
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GG22-9216
DEVICE SUPPORT FACILITIES: CAPABILITIES AND USAGE
This document describes how to use the Device Support Facilities DASD utility package, especially under MVS. Intended audience is system programmers.
Technical bulletin, 8 1/2 x 11 inches, 40 pages, 12/80
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GG22-9218
MVS/SYSTEM PRODUCT RELEASE 3 FUNCTION AND PERFORMANCE OVERVIEW
This document provides an overview of enhancements to MVS/SP contained in Release 3. It consists of a set of foils with presentation script.
Technical bulletin, 8 1/2 x 11 inches, 2/81
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GG22-9220
THE JES2 CHECKPOINT MECHANISM
This document is derived from a presentation by the author to Guide. It discusses the history of the checkpoint function and its implementation in JES2.
Technical bulletin, 8 1/2 x 11 inches, 1/81
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GG22-9221
FORMATTING SCRIPT DOCUMENTS FROM THE 6670
This document describes how the Information Distribution Workstation Support (IDWS) program product can be used to remotely access the facilities of the Document Library Facility (DLF) program product, the Document Composition Facility (DCF) program product and the Document Composition Facility Post Processor for IBM 6670 (DCFP) field-developed program. The methods and procedures described herein assume a user who does not have access to a display terminal. This document was printed using the techniques and facilities described herein.
Technical bulletin, 40 pages, 5/81
- GG22-9222
MVS/SYSTEM PRODUCT RELEASE 1 INSTALLATION GUIDE
The purpose of this document is user guidance in the installation of MVS/SP Release 1 and selected related products. It supplements the information contained in the program directory.
Technical bulletin, 8 1/2 x 11 inches, 2/81
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GG22-9223
DATA FACILITY/DEVICE SUPPORT INSTALLATION AND MIGRATION GUIDE
This document discusses the installation and use of Data Facility/Device Support (5740-AM7) under MVS. It includes technical details of product content, results of installation experience and performance testing, and foils for use in presentations.
Technical bulletin, 8 1/2 x 11 inches, 4/81
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GG22-9224
MSS RECOVERY HANDBOOK
This bulletin describes various tools and techniques used in MSS recovery. The MSC tables and the MSVI dataset are described along with selected sectors of the MSC microcode.
Technical bulletin, 8 1/2 x 11 inches, 96 pages, 4/81
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GG22-9225
OSI AND SNA: A PERSPECTIVE
This document discusses similarities and differences between Systems Network Architecture (SNA) of IBM and the ISO reference manual for Open Systems Interconnection (OSI).
Technical bulletin, 8 1/2 x 11 inches, 52 pages, 4/81
- SLSS - ORDER NO. SUBSCRIPTION ONLY
- GG24-1508
MVS SYSTEM EXTENSIONS RELEASE 2 INSTALLATION GUIDE
This guide is intended for those persons whose responsibilities are to advise or participate in decisions about the installation of MVS/System Extensions Release 2 and work with the practical implementation of the MVS/SE2 SRM and SMF Facilities. This document includes the following topics: System Requirements, MVS/SE2 Installation Steps, Installation Control (ICS), TSO Response Time Control (RTO), Storage Isolation, Load Balancers, Transaction Reporting, SRM Constants, SMF Enhancements, SMF User Interface, SMF Processing, SMF Accounting, SMF Pct Processing, Compatibility and Migration.
Manual, 8 1/2 x 11 inches, 8/80
///5740-XE1
- GG24-1509
SNA PRODUCTS - INSTALLATION GUIDE - ACF/VTAM RELEASE 2
This document will assist in the initial installation process for SNA Products - ACF/VTAM Release 2. Coded and tested examples are included as samples and installation tips are given.
Manual, 8 1/2 x 11 inches, 294 pages, 7/80
///5746-RC7
- GG24-1515
IMS/VS VERSION 1 (1.1.5) RECOVERY/RESTART
This Bulletin, intended to be used as a supplement to the IMS/VS manuals, describes the Recovery/Restart components of the IMS/VS and includes operational procedures for recovering from various types of failures in the IMS/VS environment.
Manual, 8 1/2 x 11 inches, 330 pages, 11/79
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GG24-1516
MVS/SYSTEM EXTENSIONS TUNING COOKBOOK
The MVS/System Extensions Tuning Cookbook, System Extensions Release 1 is intended to help systems programmers and/or systems engineers with installing and tuning MVS Systems Extensions. It contains practical hints and tips about tuning on MVS System Extensions System as well as a description of the new SRM capabilities.
Manual, 8 1/2 x 11 inches, 302 pages, 12/79
///5740-XE1
- GG24-1518
IMS/VS VSAM INTERFACE
This document was created in response to the needs of new users of IMS/VS and those established users who are converting their data bases to VSAM. The purpose is to provide a guide and a reference for persons using VSAM as the operating system access method for their IMS/VS data base.
Manual, 8 1/2 x 11 inches, 154 pages, 3/80
/C/30//5740-XX2
- GG24-1519
SMALL COMMUNICATIONS SYSTEMS INSTALLATION PRIMER - IBM 4331, ACF/VTAME
This primer provides guidance for the installation of ACF/VTAME based communications systems. It is specifically directed to the installation of an IBM 3270, ACF/VTAME, CICS/VS System, both as part of the SIPOE and as individual products.
Manual, 8 1/2 x 11 inches, 258 pages, 7/80
4331///5746-RC7
- GG24-1524
DOS TO MVS MIGRATION GENERAL INFORMATION
This document is a part of the DOS to MVS Migration Structured Support Plan. DOS is used in this document as a generic term which can signify DOS/VS or VSE. MVS signifies MVS/SP. This publication contains an overview of a Structured Support Plan for DOS to MVS migrations. It is intended for the Data Processing Manager, and other installation managers and supervisors who are considering the implementation of such a migration. This should be the first DOS to MVS SSP document to be read. Other DOS to MVS SSP publications include the following:
DOS to MVS Migration Event Support Material Z210-9938
DOS to MVS Sample Migration Network GG24-1525
DOS to MVS Sample Migration Events and Activities GG24-1526
DOS to MVS Migration Project Manager's Guide GG24-1527
DOS to MVS Sample Conversion Team User's Guide GG24-1528
MVS Standards Design Guide GG24-1529
Manual, 8 1/2 x 11 inches, 30 pages, 4/81
- GG24-1526
DOS TO MVS SAMPLE MIGRATION EVENTS AND ACTIVITIES
This document is a part of the "DOS to MVS Migration Structured Support Plan". DOS is used in this document as a generic term which can signify DOS/VS or VSE. MVS signifies MVS/SP. This manual describes in detail every activity and event found in the DOS to MVS Sample Migration Network, GG24-1525. This manual can be used by a DP installation when developing

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a migration plan.

The appendices include Application Conversion estimates, Conversion Control Forms, Identifying Conversion Kernels, Cutover and Parallel Run Techniques, Education Road Maps, Job Entry Subsystem Selection and DOS-MVS Hardware/Software Checklist.

Manual, 8 1/2 x 11 inches, 174 pages, 4/81
 GG24-1527 SLSS - ORDER NO. SUBSCRIPTION ONLY
DOS TO MVS MIGRATION PROJECT MANAGERS GUIDE
 This document is a part of the "DOS to MVS Migration Structured Support Plan". DOS is used in this document as a generic term which can signify DOS/VS or VSE. MVS signifies MVS/SP.

This manual should be used to guide the DOS to MVS Migration Project Manager during the Planning Phase in customizing a plan for the DOS to MVS migration and in establishing the project control method that will be used.

Manual, 8 1/2 x 11 inches, 68 pages, 4/81
 GG24-1528 SLSS - ORDER NO. SUBSCRIPTION ONLY
DOS TO MVS SAMPLE CONVERSION TEAM USER'S GUIDE
 This document is a part of the "DOS to MVS Migration Structured Support Plan". DOS is used in this document as a generic term which can signify DOS/VS or VSE. MVS signifies MVS/SP.

This manual is a sample guide for the conversion team members. It should be tailored to provide explicit instructions for performing the Implementation Phase of the project. The following topics are covered for a typical organization migrating to MVS: Conversion Team Structures, Conversion Control Procedures and Control Forms, Conversion Tools and Utilities, Language Differences, and Testing Procedures.

Manual, 8 1/2 x 11 inches, 152 pages, 4/81
 GG24-1530 SLSS - ORDER NO. SUBSCRIPTION ONLY

IMS PRIMER FOR CICS/VS USERS
 This manual is intended for first-time users of the Information Management System (IMS/VS) who wish to implement applications in batch and/or online using the Customer Information Control System (CICS/VS). It provides system analysts, data base specialists, system programmers, and application programmers with the information necessary for the design, installation and operation of their initial applications, using a subset of the data base facilities of IMS/VS.

It assumes that users who wish to implement IMS/VS in a DB/DC environment using CICS/VS are familiar with CICS/VS, and therefore does not address the usage of CICS/VS, other than that related specifically to the use of IMS/VS.

The complete set of primer manuals can be ordered as GBOF-1300. This includes the IMS/VS Primer for CICS/VS Users Sample Listing (GG24-1531) and operating guides (GG24-1532).

Manual, 8 1/2 x 11 inches, 450 pages, 2/81
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GG24-1531
IMS/VS PRIMER FOR CICS/VS USERS SAMPLE LISTING
 This is a companion volume to the IMS/VS Primer For CICS/VS Users (GG24-1530). The complete set of primer manuals, including the Operating Guides (GG24-1532) can be ordered as GBOF-1300.
 Manual, 8 1/2 x 11 inches, 2/81
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GG24-1532
IMS/VS PRIMER FOR CICS/VS USERS OPERATING GUIDE
 This is a companion volume to the IMS/VS Primer For CICS/VS Users (GG24-1530). The complete set of primer manuals including the sample listings (GG24-1531) can be ordered as GBOF-1300.
 Manual, 8 1/2 x 11 inches, 2/81
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GH12-5235
S/370 & 4300 PROCESSORS, VSE/POWER & VSE/POWER REMOTE JOB ENTRY FEATURE, REL 1.0, LIC PROG 5746-XE3, SPECIFICATIONS
 Deals with general description of the System, Programming Systems, and System Configuration. It also gives the reference material and compatibility.
 This licensed program VSE/POWER is a program product based on the POWER/VS component of DOS/VS Release 34. It is a spooling system that provides the user with automatic staging of unit-record input and output, and priority scheduling of all programs executed under its control.
 Flyer, 8 1/2 x 11 inches, 4 pages, 6/79
 ////5746-XE3

GH12-5240
JOB ENTRY PROGRAM, LIC PROG 5746-XE6, SPECIFICATIONS (CURRENT RELEASE)
 Licensed Program Specifications deals with general description of the System, Programming Systems, and Systems Configuration.
 It also gives the reference material and compatibility.
 Flyer, 8 1/2 x 11 inches, 2 pages, 03/80
 ////5746-XE6

GH12-5241
VSE/ACCESS CONTROL LOGGING AND REPORTING, LIC PROG 5746-XE7, SPECIFICATIONS (CURRENT RELEASE)
 Licensed Program Specifications deal with general

description of the system, programming systems, and system configuration. They also give the reference material and compatibility. This VSE/Access Control-Logging and Reporting program product is a part of the data security assist functions offered for all users of DOS/VSE. These data security assist functions are designed for auditing purposes of a DOS/VSE data processing installation.
 Flyer, 8 1/2 x 11 inches, 2 pages, 6/79
 ////5746-XE7

GH12-5242
VSE/POWER REMOTE JOB ENTRY AND SHARED SPOOLING FEATURE, LIC PROG 5746-XE3, SPECIFICATIONS (CURRENT RELEASE)
 This Licensed Program Specifications Flyer, deals with general description of the System, Programming Systems, and System Configuration. It also gives the reference material and compatibility.
 Flyer, 8 1/2 x 11 inches, 2 pages, 11/79
 ////5746-XE3

GH12-5245
FILE TRANSFER PROGRAM, LIC PROG 5748-XE6, SPECIFICATIONS (CURRENT RELEASE)
 Licensed Program Specifications deals with general description of the System, Programming Systems, and Systems Configuration.
 It also gives the reference material and compatibility.
 Flyer, 8 1/2 x 11 inches, 2 pages, 03/80
 ////5748-XE6

SH12-5330
S/370 & 4300 PROCESSORS VSE/POWER SHARED SPOOLING, LIC PROG 5746-XE3, REFERENCE GUIDE (CURRENT RELEASE)
 This publication is intended for VSE/Advanced Functions users who wish to share the VSE/POWER spool files among two or more VSE/POWER Release 2.0 systems. The optional Shared Spooling feature of VSE/POWER makes possible this sharing of spool files. The Shared Spooling feature may be installed in addition to Release 2.0 of the basic VSE/POWER program product.
 This publication gives a brief description of the ways that the Shared Spooling feature can be used, and how it works. Changes to VSE/POWER initialization are discussed.
 Before using this manual, the reader should be familiar with the publications listed in the Bibliography.
 Manual, 8 1/2 x 11 inches, 24 pages,
 ////5746-XE3

SH12-5331
JOB ENTRY PROGRAM AND FILE TRANSFER PROGRAM, LIC PROG 5746-XE6, 5748-XE6, REFERENCE AND OPERATIONS (CURRENT RELEASE)
 The Job Entry Program and File Transfer Program are IEM program products designed to interconnect one or more decentralized computing systems with one or more central data processing installations, enabling transfer of jobs and files between the systems and installations.
 This manual provides an introduction to these program products, a description of their internal operation, and information about the installation and operation of them.
 The reader of this manual should be familiar with the Program Products as described in "About this Book" and the publications listed in the Bibliography.
 Manual, 8 1/2 x 11 inches, 122 pages, 03/80
 ////5746-XE6, 5748-XE6

SH12-5334
NETWORK TRANSACTION SUBSYSTEM, LIC PROG 5799-BER, PROGRAM REFERENCE AND OPERATIONS
 The IBM Network Transaction Subsystem is a licensed program that supports large dialog networks with several hundreds of terminals. It is designed specifically for installations requiring: fast response times, high system availability, and high installation flexibility.
 This manual describes how the Network Transaction Subsystem meets these requirements, how it is installed, and how it is used. It is intended to support the tasks of planning for installing, and using the system and of writing application programs to run under its control.
 The readers of this manual should be familiar with the terminologies of OS/VS2 MVS and the Systems Network Architecture.
 Manual, 8 1/2 x 11 inches, 102 pages, 2/81
 ////5799-BER/WT-ONLY

SH12-5417
DL/I-ENTRY, LIC PROG 5746-XX7, APPLICATION PROGRAMMER'S REFERENCE SUMMARY
 Summarized programming reference information for DL/I - Entry.
 Reference card, 8 panels, 12/78
 ////5746-XX7

GH19-6044
TERMINAL BUSINESS SYSTEM/VS TO CICS/VS CONVERSION GUIDE
 This publication is intended for users of Terminal Business System/VS, who are planning to move their applications onto an in-house CICS/VS system. Because it is anticipated that most users will be considering the DOS/VS version of CICS/VS, attention is focused on this product. However,

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most of the points covered will apply equally to CICS-OS/VS. Systems programmers will find that this publication will give them an understanding of the application designer's requirements, but not detailed information about, or assistance with, installing a CICS/VS system. These subjects are covered in other publications. Manual, 8 1/2 x 11 inches, 84 pgs, 1/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

This publication contains detailed information about the online and batch use of the program.
Manual, 8 1/2 x 11 inches, 270 pages, 9/80
////5740-XYF,5746-XXT

SH19-6046

TERMINAL BUSINESS SYSTEM/VS APPLICATION PROGRAMMER'S REFERENCE MANUAL

This manual is meant as reference manual for application programmers who are responsible for jobs running under Terminal Business System/VS.
Manual, 8 1/2 x 11 inches, 318 pages, 2/81
SLSS - ORDER NO. SUBSCRIPTION ONLY

SH19-6078

SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM, LIC PROG 5740-XYF, OPERATIONS GUIDE

Screen Definition Facility/Customer Information Control System is an interactive application development tool for the CICS/VS application programmer who wants to define or change maps and map sets for the CICS/VS Basic Mapping Support (BMS). Screen Definition Facility/CICS provides the application programmer with a full screen editor and a library to maintain the maps and map sets.

This publication contains information necessary for generating and operating the program. It provides system programmers and customer operators with mainly operating system dependent information, such as the job control to generate and operate Screen Definition Facility/Customer Information Control System.
Manual, 8 1/2 x 11 inches, 146 pages, 9/80
////5740-XYF,5746-XXT

SH19-6052

X25 PACKET SWITCHING ATTACHMENT FOR NETWORK CONTROL PROGRAM/VS VERSION 5, 5799-ARJ, PROGRAMMING RPOZA4239 FOR DATAPAC/TRANSPAC PROGRAMMING RPOXD2060 FOR NRW, DESCRIPTION/OPERATIONS

This publication describes the Programming RPOs required by the Network Control Program to connect System Network Architecture host systems to the Canadian (TRANSPAC), French (DATAPAC), and German (NRW) Nord Rhein Westfalen packet switching networks.
Manual, 8 1/2 x 11 inches, 146 pages, 1/80
////5799-ARJ/WT-ONLY

SH19-6085

SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM, LIC PROG 5740-XYF, 5746-XXT MESSAGES AND CODES

Screen Definition Facility/Customer Information Control System (SDF/CICS) supports the development of application programs for CICS/VS, for OS/VS and DOS/VSE, in the formatting required for the communication between devices and application programs.

This publication contains the messages and codes for the batch and online SDF/CICS functions and is designed for use as a quick reference for application programmers and terminal operators.
Manual, 8 1/2 x 11 inches, 158 pages, 8/80
////5740-XYF,5746-XXT

GH19-6071

VSE/DITTO, LIC PROG 5746-UT3, SPECIFICATIONS (CURRENT RELEASE)

VSE/Data Interfile Transfer, Testing and Operations Utility (hereinafter referred to as VSE/DITTO) is a general-purpose utility program for card, magnetic tape, and disk input/output devices. It provides the facility to list, copy, alter, and create files or portions of files. The wide range of user-oriented functions is intended to aid programmer testing, reduce the need for separate specialized utility programs, and provide greater operational productivity. VSE/DITTO offers the user a tool for testing and file-handling in both batch and console operation.
Flyer, 8 1/2 x 11 inches, 2 pages, 5/79
////5746-UT3

GH19-6087

SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM LIC PROG 5740-XYF, 5746-XXT GENERAL INFORMATION

Screen Definition Facility/Customer Information Control System is an interactive application development tool for the CICS/VS application programmer who wants to define or change map sets and maps for CICS/VS Basic Mapping Support (BMS). SDF/CICS provides the application programmer with a full screen editor and a library to maintain the maps.

This publication contains a general description of the program and its various functions already supported in Release 1.0 and new for this release, a list of devices supported, a summary of user installation requirements, and a sample application.
Manual, 8 1/2 x 11 inches, 56 pages, 6/80
////5740-XYF,5746-XXT

SH19-6073

VSE/DITTO, LIC PROG 5746-UT3, PROGRAM REFERENCE AND OPERATIONS (CURRENT RELEASE)

VSE/Data Interfile Transfer, Testing and Operations Utility is a general-purpose utility program for card, magnetic tape, and disk input/output devices. It provides an efficient and easy-to-use tool for testing and file-handling in both batch and console operation.

This publication describes the functions of the program and how to use them, installation and execution of the program, and the programming and system requirements. A section on error messages is also provided.
Manual, 8 1/2 x 11 inches, 168 pages, 9/80
////5746-UT3

GH19-6088

SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM LIC PROG 5740-XYF, 5746-XXT DESIGN OBJECTIVES

Licensed Program Design Objectives deals with general description of the system, programming system, system configuration and programming service classification. It also gives the reference material and compatibility.

This licensed program is an online application development tool for the CICS/VS application programmer who wants to define or edit maps and map sets for the CICS/VS Basic Mapping Support (BMS).
Flyer, 8 1/2 x 11 inches, 6 pages, 6/80
////5746-XXT,5740-XYF

GH19-6074

SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM, RELEASE 1 MODIFICATION LEVEL 0, LIC PROG 5740-XYF, 5746-XXT, DESIGN OBJECTIVES

This licensed program is an online application development tool for the CICS/VS application programmer who wants to define or edit maps and map sets for the CICS/VS Basic Mapping Support (BMS). The online operation and the ease-of-use oriented functions of the program can enhance productivity in map and map set development and maintenance.

Deals with general description of the system, programming system, system configuration and programming service classification. It also gives the reference material and compatibility.
Flyer, 8 1/2 x 11 inches, 6 pages, 4/79
////5740-XYF,5746-XXT

GH19-6090

SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM RELEASE 2, LIC PROG 5740-XYF, 5746-XXT, SPECIFICATIONS

Licensed Program Specifications deal with general description of the System Programming Systems, and System Configuration. They also give the reference material and compatibility.

The Screen Definition Facility/CICS licensed program is an online application development tool for the CICS/VS application programmer who wants to define or edit maps and map sets for the CICS/VS Basic Mapping Support (BMS). The online operation and the ease-of-use oriented functions of the program can enhance productivity in map and map set development and maintenance.
Flyer, 8 1/2 x 11 inches, 2 pages, 9/80
////5740-XYF,5746-XXT

GH19-6075

SCREEN DEFINITION FACILITY/CICS, RELEASE 1 MODIFICATION LEVEL 0, LIC PROG 5740-XYF, 5746-XXT, SPECIFICATIONS

This licensed program is an online application development tool for the CICS/VS application programmer who wants to define or edit maps and map sets for the CICS/VS Basic Mapping Support (BMS).

Flyer, 2 pages, 10/79
////5740-XYF,5746-XXT

SH19-6133

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM (ELIAS), LIC PROG 5799-AYZ, APPLICATION DESIGN GUIDE

ELIAS is an integrated, pregenerated DE/DC system designed to run on an IBM System/370 Model 115 or 125. ELIAS is derived by system generation from CICS/VS, D./I, ETSS/II, Sort/Merge/VS, COBCL, and DITTO

The Application Design Guide is intended to be used by the application designer. It presents data base (DL/I), data communication (CICS/VS), and other considerations that should be taken into account during the design stage of an application. The Guide complements the ELIAS Design and Implementation course.

SH19-6077

SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM, LIC PROG 5740-XYF, 5746-XXT, REFERENCE

Screen Definition Facility/Customer Information Control System is an interactive application development tool for the CICS/VS application programmer who wants to define or change maps and map sets for the CICS/VS Basic Mapping Support (BMS). Screen Definition Facility/CICS provides the application programmer with a full screen editor and a library to maintain the maps and map sets.

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Manual, 8 1/2 x 11 inches, 132 pages, 1/79
 ////5799-AYZ/WT-ONLY

SH19-6137

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM PROGRAMMING
RPQ X99906: LIC PROG 5799-AYZ, TERMINAL USER'S GUIDE
 ELIAS is an integrated, pregenerated DB/DC system designed to run on an IBM System/370 Model 115 or 125. ELIAS is derived by system generation from CICS/VS, DL/I, ETSS II, Sort/Merge/VS, COBOL, and DITTO.

The Terminal User's Guide is intended to be used by the ETSS/CICS terminal user. It contains descriptions of how to use ETSS and the ELIAS tools to develop or maintain a program, submit the program to POWER/VS for execution, check its status in the system, and receive the output back at the terminal.

Manual, 8 1/2 x 11 inches, 70 pages, 1/79
 ////5799-AYZ/WT-ONLY

SH19-6138

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM, LIC PROG
5799-AYZ PRPQ X99906, SYSTEM HANDBOOK
 ELIAS is an integrated pregenerated DB/DC system designed to run on an IBM System 370 Model 115 or 125. ELIAS is derived by system generation from CICS/VS, DL/I, ETSS/II, Sort/Merge/VS, COBOL, and DITTO.

The System Handbook is a reference publication describing the usage of the various ELIAS functions. It is addressed to the System Administrators functions to help them: Maintain the system-oriented software; maintain DL/I and CICS user-dependent parts; establish and maintain procedures for system operation, system maintenance and problem determination.

Manual, 248 pages, 2/79
 ////5799-AYZ/WT-ONLY

SH19-6140

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM PROGRAMMING
RPQ X99906, LIC PROG 5799-AYZ, PROBLEM DETERMINATION GUIDE
 ELIAS is an integrated, pregenerated DB/DC system designed to run on an IBM System/370, Model 115 or 125. ELIAS is derived by system generation from CICS/VS, DL/I, ETSS II, Sort/Merge/VS, COBOL, and DITTO.

The System Problem Determination Guide is intended to be used by the system operator and the system administrator. It presents information on recognizing system malfunctions; gathering information to be used for debugging; analyzing the information to isolate the cause of the error (hardware, ELIAS software, or application program); and running the service aid program.

Manual, 8 1/2 x 11 inches, 62 pages, 1/79
 ////5799-AYZ/WT-ONLY

GH19-6144

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM ELIAS AND SYSTEM
INSTALLATION PRODUCTIVITY OPTION, LIC PROG 5799-AYZ (PRPQ),
5750-AYZ (SIPO)

IBM Licensed Program Specifications deals with general description of the System, Programming Systems, and System Configuration. It also gives the reference material and compatibility.

Flyer, 8 1/2 x 11 inches, 6 pages, 2/79
 ////5799-AYZ,5750-AYZ

GH19-6157

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE
(ELIAS-I) LIC PROG 5746-XXV, GENERAL INFORMATION
 ELIAS-I is a licensed Program with supporting documentation designed to improve the productivity of users of CICS/VS and DL/I when run on and IBM System/370 or an IBM 4300 Processor. It is primarily intended to be used with the DOS/VSE System IPO/E 5750-AAA, 5750-AAB, or 5750-AAC). ELIAS-I provides a series of interactive dialogues called "procedures," which prompt the user to specify the definitions of data bases and batch and online application programs. ELIAS-I also provides a set of pre-defined sequences of code called "bricks." Each brick performs a specific and frequently used program function, and can be incorporated into the user's application program to perform that function.

This manual is addressed to those responsible for the development of computer applications. It describes the process of implementing a data base/data communications system using the facilities and methods supplied by ELIAS-I.

Manual, 8 1/2 x 11 inches, 42 pages, 10/79
 ////5746-XXV,5748-XXX

SH19-6158

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE,
LIC PROG 5746-XXV, ENTRY LEVEL INTERACTIVE
APPLICATION SYSTEM-ONE/VIRTUAL MACHINE, LIC PROG 5748-XXX,
APPLICATION DESIGN GUIDE (CURRENT RELEASE)

ELIAS-I is the collective name for two related Licensed Programs, Entry Level Interactive Application System-One (Program Number 5746-XXV), and Entry Level Interactive Application System-One/Virtual Machine (Program Number 5748-XXX). These two Licensed Programs and their supporting documentation are designed to improve the productivity of users of CICS/VS and DL/I when run on a selected IBM System/370 or IBM 4300 Processors. The two products differ in the control program environment to which they relate.

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ELIAS-I is executed in the environment provided by the VSE/Interactive Computing and Control Facility, and is primarily intended to be used with DOS/VSE System IPO/E, (Program Number 5750-AAA, 5750-AAB, or 5750-AAC). ELIAS-I/VM is executed in the environment provided by the Conversational Monitoring System, and is primarily intended to be used with VM/DCS/VSE System IPO/E, (Program Number 5750-AAE or 5750-AAF). It can also be used with VM System IPO/E, (Program Number 5750-AAD) to provide the jobstream creation facility.

Both programs provide a series of interactive dialogs called "procedures", which prompt the user to specify the definitions of data bases and batch and online application programs. They also provide a set of predefined sequences of code called "bricks". Each brick performs a specific and frequently used program function, and can be incorporated into the user's application program to perform that function.

This manual presents the implementation at a conceptual level and is intended to be used for reference while designing applications.

Manual, 8 1/2 x 11 inches, 132 pages, 04/80
 ////5746-XXV,5748-XXX

SH19-6159

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE, LIC
PROG 5746-XXV ENTRY LEVEL INTERACTIVE APPLICATION
SYSTEM-ONE/VIRTUAL MACHINE, LIC PROG 5748-XXX COBOL
COBOL APPLICATION PROGRAMMER'S GUIDE (CURRENT RELEASE)

ELIAS-I is the collective name for two related Licensed Programs, Entry Level Interactive Application System-One (Program Number 5746-XXV), and Entry Level Interactive Application System-One/Virtual Machine (Program Number 5748-XXX). These two Licensed Programs and their supporting documentation are designed to improve the productivity of users of CICS/VS and DL/I when run on a selected IBM System/370 or IBM 4300 Processors. The two products differ in the control program environment to which they relate. ELIAS-I is executed in the environment provided by the VSE/Interactive Computing and Control Facility, and is primarily intended to be used with DOS/VSE System IPO/E, (Program Number 5750-AAA, 5750-AAB, or 5750-AAC). ELIAS-I/VM is executed in the environment provided by the Conversational Monitoring System, and is primarily intended to be used with VM/DCS/VSE System IPO/E, (Program Number 5750-AAE or 5750-AAF). It can also be used with VM System IPO/E, (Program Number 5750-AAD) to provide the jobstream creation facility.

Both programs provide a series of interactive dialogs called "procedures", which prompt the user to specify the definitions of data bases and batch and online application programs. They also provide a set of predefined sequences of code called "bricks". Each brick performs a specific and frequently used program function, and can be incorporated into the user's application program to perform that function.

This manual is addressed to the application programmer responsible for the coding of computer applications in COBOL. It describes the process of coding data base/data communications programs using the facilities supplied by ELIAS-I.

Manual, 8 1/2 x 11 inches, 196 pages, 04/80
 ////5746-XXV,5748-XXX

SH19-6160

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE, LIC
PROG 5746-XXV, ENTRY LEVEL INTERACTIVE APPLICATION
SYSTEM-ONE/VIRTUAL MACHINE, LIC PROG 5748-XXX, PL/I
PL/I APPLICATION PROGRAMMER'S GUIDE (CURRENT RELEASE)

ELIAS-I is the collective name for two related Licensed Programs, Entry Level Interactive Application System-One (Program Number 5746-XXV), and Entry Level Interactive Application System-One/Virtual Machine (Program Number 5748-XXX). These two Licensed Programs and their supporting documentation are designed to improve the productivity of users of CICS/VS and DL/I when run on a selected IBM System/370 or IBM 4300 Processors. The two products differ in the control program environment to which they relate. ELIAS-I is executed in the environment provided by the VSE/Interactive Computing and Control Facility, and is primarily intended to be used with DOS/VSE System IPO/E, (Program Number 5750-AAA, 5750-AAB, or 5750-AAC). ELIAS-I/VM is executed in the environment provided by the Conversational Monitoring System, and is primarily intended to be used with VM/DCS/VSE System IPO/E, (Program Number 5750-AAE or 5750-AAF). It can also be used with VM System IPO/E, (Program Number 5750-AAD) to provide the jobstream creation facility.

Both programs provide a series of interactive dialogs called "procedures", which prompt the user to specify the definitions of data bases and batch and online application programs. They also provide a set of predefined sequences of code called "bricks". Each brick performs a specific and frequently used program function, and can be incorporated into the user's application program to perform that function.

This manual is addressed to the application programmer responsible for the coding of computer applications in PL/I. It describes the process of coding data base/data communications programs using the facilities supplied by ELIAS-I.

Manual, 8 1/2 x 11 inches, 196 pages, 04/80
 ////5746-XXV,5748-XXX

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SH19-6161

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE, LIC
PROG 5746-XXV, ENTRY LEVEL INTERACTIVE APPLICATION
SYSTEM-ONE/VIRTUAL MACHINE, LIC PROG 5748-XXK,
ADMINISTRATOR'S GUIDE (CURRENT RELEASE)

ELIAS-I is the collective name for two related Licensed Programs, Entry Level Interactive Application System-One (Program Number 5746-XXV), and Entry Level Interactive Application System-One/Virtual Machine (Program Number 5748-XXK). These two Licensed Programs and their supporting documentation are designed to improve the productivity of users of CICS/VS and DL/I when run on a selected IBM System/370 or IBM 4300 Processors. The two products differ in the control program environment to which they relate. ELIAS-I is executed in the environment provided by the VSE/Interactive Computing and Control Facility, and is primarily intended to be used with DOS/VSE System IPO/E, (Program Number 5750-AAA, 5750-AAB, or 5750-AAC). ELIAS-I/VM is executed in the environment provided by the Conversational Monitoring System, and is primarily intended to be used with VM/DOS/VSE System IPO/E, (Program Number 5750-AAE or 5750-AAF). It can also be used with VM System IPO/E, (Program Number 5750-AAD) to provide the jobstream creation facility.

Both programs provide a series of interactive dialogs called "procedures", which prompt the user to specify the definitions of data bases and batch and online application programs. They also provide a set of predefined sequences of code called "bricks". Each brick performs a specific and frequently used program function, and can be incorporated into the user's application program to perform that function.

This manual provides a reference document for the data base/data communications system administrator. It describes the use of relevant ELIAS-I facilities.
 Manual, 8 1/2 x 11 inches, 186 pages, 04/80
 ///5746-XXV,5748-XXK

SH19-6162

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE,
LIC PROG 5746-XXV, ENTRY LEVEL INTERACTIVE APPLICATION
SYSTEM-ONE/VIRTUAL MACHINE, LIC PROG 5748-XXK, COBOL SAMPLES
HANDBOOK (CURRENT RELEASE)

ELIAS-I is the collective name for two related Licensed Programs, Entry Level Interactive Application System-One (Program Number 5746-XXV), and Entry Level Interactive Application System-One/Virtual Machine (Program Number 5748-XXK). These two Licensed Programs and their supporting documentation are designed to improve the productivity of users of CICS/VS and DL/I when run on a selected IBM System/370 or IBM 4300 Processors. The two products differ in the control program environment to which they relate. ELIAS-I is executed in the environment provided by the VSE/Interactive Computing and Control Facility, and is primarily intended to be used with DOS/VSE System IPO/E, (Program Number 5750-AAA, 5750-AAB, or 5750-AAC). ELIAS-I/VM is executed in the environment provided by the Conversational Monitoring System, and is primarily intended to be used with VM/DOS/VSE System IPO/E, (Program Number 5750-AAE or 5750-AAF). It can also be used with VM System IPO/E, (Program Number 5750-AAD) to provide the jobstream creation facility.

Both programs provide a series of interactive dialogs called "procedures", which prompt the user to specify the definitions of data bases and batch and online application programs. They also provide a set of predefined sequences of code called "bricks". Each brick performs a specific and frequently used program function, and can be incorporated into the user's application program to perform that function.

This manual contains examples showing how to use some of the facilities available under ELIAS-I.
 Manual, 8 1/2 x 11 inches, 464 pages, 04/80
 ///5746-XXV,5748-XXK

SH19-6163

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE, LIC PROG
5746-XXV ENTRY LEVEL INTERACTIVE APPLICATION
SYSTEM-ONE/VIRTUAL MACHINE LIC PROG 5748-XXK,
PL/I SAMPLES HANDBOOK (CURRENT RELEASE)

ELIAS-I is the collective name for two related Licensed Programs, Entry Level Interactive Application System-One (Program Number 5746-XXV), and Entry Level Interactive Application System-One/Virtual Machine (Program Number 5748-XXK). These two Licensed Programs and their supporting documentation are designed to improve the productivity of users of CICS/VS and DL/I when run on a selected IBM System/370 or IBM 4300 Processors. The two products differ in the control program environment to which they relate. ELIAS-I is executed in the environment provided by the VSE/Interactive Computing and Control Facility, and is primarily intended to be used with DOS/VSE System IPO/E, (Program Number 5750-AAA, 5750-AAB, or 5750-AAC). ELIAS-I/VM is executed in the environment provided by the Conversational Monitoring System, and is primarily intended to be used with VM/DOS/VSE System IPO/E, (Program Number 5750-AAE or 5750-AAF). It can also be used with VM System IPO/E, (Program Number 5750-AAD) to provide the jobstream creation facility.

Both programs provide a series of interactive dialogs called "procedures", which prompt the user to specify the definitions of data bases and batch and online application programs. They also provide a set of predefined sequences of code called "bricks". Each brick performs a specific and frequently used program function, and can be incorporated into the user's application program to perform that

function.

This manual contains examples showing how to use some of the facilities available under ELIAS-I.
 Manual, 8 1/2 x 11 inches, 464 pages, 04/80
 ///5746-XXV,5748-XXK

SH19-6165

GERMAN EDS NETWORK TELEX SUPPORT, PROGRAMMING RPQ
XA8937, LIC PROG 5799-AWN, DESCRIPTION/OPERATIONS

This RPQ allows the Emulation Program (EP) part of the Network Control Program (NCP) to connect to the IBM 370/45 Communications Controllers (over a special set of lines provided by PRPQ Y967090) telex lines connected to the Electronic Data Switching system (EDS) through the appropriate control units.
 Manual, 8 1/2 x 11 inches, 24 pages, 1/81
 SISS - ORDER NO. SUBSCRIPTION ONLY

GH19-6167

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE - RELEASE 1,
LIC PROG 5746-XXV, DESIGN OBJECTIVES

Entry Level Interactive Application System-One is designed to support and extend the DOS/VSE system Installation Productivity Options/Extended (System IPO/E). The flyer deals with general description of the system, programming system, system configuration and programming service classification. It also gives the reference material and compatibility.
 Flyer, 8 1/2 x 11 inches, 4 pages, 10/79
 ///5746-XXV

GH19-6168

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE
ELIAS-7, LIC PROG 5746-XXV, SPECIFICATIONS

Licensed Program Specifications deals with general description of the system, programming systems, and system configuration. It also gives the reference material and compatibility.
 Flyer, 8 1/2 x 11 inches, 2 pages, 11/79
 ///5746-XXV

SH19-6171

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE/VM USING
ELIAS-I UNDER VM, LIC PROG 5748-XXK

This manual is addressed to all users of ELIAS-I/VM, and should be read in conjunction with the ELIAS-I manuals referenced herein.

ELIAS-I is the collective name for two related Licensed Programs, ELIAS-I (Program Number 5746-XXV), and ELIAS-I/VM (Program Number 5748-XXK). These two Licensed Programs and their supporting documentation are designed to help improve the productivity of users of CICS/VS and DL/I when run on selected IBM System/370 or IBM 4300 Processors.

The two products differ in the control program environment to which they relate. ELIAS-I is executed in the environment provided by the VSE/Interactive Computing and Control Facility, and is primarily intended to be used with DOS/VSE System IPO/E, (Program Number 5750-AAA, 5750-AAB, or 5750-AAC). ELIAS-I/VM is executed in the environment provided by the Conversational Monitor System (CMS), and is primarily intended to be used with VM/DOS/VSE System IPO/E, (Program Number 5750-AAE or 5750-AAF). It can also be used with VM System IPO/E, (Program Number 5750-AAD) to provide the jobstream creation facility.

Both programs provide a series of interactive dialogs called procedures, which prompt the user to specify the definitions of data bases and batch and online application programs. They also provide a set of predefined sequences of code called bricks. Each brick performs a specific and frequently used program function, and can be incorporated into the user's application program to perform that function.
 Manual, 8 1/2 x 11 inches, 16 pages, 05/80
 ///5748-XXK

GH19-6172

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE/VM,
LIC PROG 5748-XXK, DESIGN OBJECTIVES

Deals with general description of the system, programming system, system configuration and programming service classification. It also gives the reference material and compatibility.

Entry Level Interactive Application-One/VM (abbreviated to ELIAS-I/VM) is intended to assist designers and programmers who are implementing Data Base/Data Communications (DB/DC) applications with CICS/DOS/VS and/or DL/I DOS/VS using COBOL, PL/I or DMS/CICS/VS-DOS.

ELIAS-I/VM is designed to support the VM VM/DOS/VSE System Installation Productivity Options/Extended (System IPO/E).
 Flyer, 8 1/2 x 11 inches, 2 pages, 03/80
 ///5748-XXK

GH19-6173

IBM SWITCHING SYSTEMS ELECTRONIC DOCUMENT DISTRIBUTION
PROGRAMMING RPQ SU0166, LIC PROG 5799-PBW, DESIGN OBJECTIVES

Deals with general description of the system, programming system, system configuration and programming service classification. It also gives the reference material and compatibility.

The licensed program IBM Switching System Electronic

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Document Distribution, referred to as EDD, will allow a user to utilize an IBM Processor and an IBM Switching System with teleprocessing Line handling (TPLH), in conjunction with IBM Magnetic Card Communicating Typewriters and/or Office Systems. The result is a store and forward communication system for sending and receiving letter-quality documents internationally, as well as nationally, via the switched public telephone network (and/or tie lines where allowed by PTT).

Flyer, 8 1/2 x 11 inches, 4 pages, 1/80
 ///5799-BBW/WT-ONLY

GH19-6187

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE/VM, RELEASE 1 MODIF 0, LIC PROG 5748-XXK, SPECIFICATIONS
 Licensed Program Specifications deals with general description of the System, Programming Systems, and Systems Configuration.

It also gives the reference material and compatibility. This Entry Level Interactive Application-One/VM flyer, (abbreviated to ELIAS-I/VM) provides assistance to designers and programmers who are implementing Data Base/Data Communications (DB/DC) applications with CICS/DOS/VS and/or DL/I DOS/VS using COBOL, PL/I, or DMS/CICS/VS-DOS.
 Flyer, 8 1/2 x 11 inches, 2 pages, 04/80
 ///5748-XXK

GH20-0765

INFORMATION MANAGEMENT SYSTEM/360, VERSION 2, GENERAL INFORMATION MANUAL: PROG. PROD. 5734-XX6
 The Information Management System/360 is an Operating System/360 processing program designed to facilitate the implementation of medium to large common data bases in a multiapplication environment. This environment is created to accommodate both online message processing and conventional batch processing, either separately or concurrently. The system permits the evolutionary expansion of data processing applications from a batch-only to a teleprocessing environment.

This manual includes a general description of the system and its various facilities and programs, listings of typical and minimum configurations, and sample applications.

Manual, 112 pages
 ///5734-XX6

GH20-1028

CUSTOMER INFORMATION CONTROL SYSTEM (CICS), DOS-ENTRY (CICS-DOSE) DOS-STANDARD (CICS/DOS) OS-STANDARD V2 (CICS/OS), LIC PROG 5734-XX7, 5736-XX6, -XX7, GENERAL INFORMATION
 The IBM Customer Information Control System (CICS) is a transaction-oriented, multiapplication data base/data communication interface between a System/360 or System/370 operating system and user-written application programs. Applicable to most online systems, CICS provides many of the facilities necessary for standard terminal applications: message switching, inquiry, data collection, order entry, and conversational data entry.

CICS is available in three systems - two for DOS users and one for OS users. Because the two CICS/DOS systems are compatible with each other and with the CICS/OS system, it is possible to start with a small DOS data base/data communication configuration and move up through DOS to OS.

This manual is designed for persons interested in a general description of CICS and its data base/data communication capabilities.
 Manual, 8 1/2 x 11 inches, 116 pages, 10/73
 ///5734-XX7,5736-XX6,5736-XX7

SH20-1034

CUSTOMER INFORMATION CONTROL SYSTEM (CICS) DOS-ENTRY, DOS-STANDARD, LIC PROG 5736-XX6, 5736-XX7 OPERATIONS GUIDE
 The IBM Customer Information Control System (CICS) is a transaction-oriented, multiapplication data base/data communication interface between a System/360 or System/370 operating system and user written application programs. In addition to the functions required for inquiry and conversational data entry, this open-ended, tabled-controlled, event-driven system provides many of the facilities necessary for standard terminal applications such as message switching, broadcasting, data collection, and order distribution.

CICS is available in three systems - two for DOS users and one for OS users. Because the two CICS/DOS systems are compatible with each other and with the CICS/OS system, it is possible to start with a small data base/data communication configuration and move up through DOS into OS.

This manual provides information of interest to persons responsible for the definition, preparation, and execution of CICS. Included is the information necessary to generate and operate CICS.
 Manual, 8 1/2 x 11 inches, 82 pages, 7/73
 ///5736-XX6,5736-XX7

SH20-1043

CUSTOMER INFORMATION CONTROL SYSTEM (CICS) DOS-ENTRY, DOS-STANDARD, OS-STANDARD V2, LIC PROG 5736-XX6, -XX7, 5734-XX7, SYSTEM PROGRAMMER'S REFERENCE
 The IBM Customer Information Control System (CICS) is a transaction-oriented, multiapplication data base/data communication interface between a System/360 or System/370

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operating system and user-written application programs. Applicable to most online systems, CICS provides many of the facilities necessary for standard terminal applications: message switching, inquiry, data collection, order entry, and conversational data entry.

CICS is available in three systems - two for DOS users and one for OS users. Because the two CICS/DOS systems are compatible with each other and with the CICS/OS system, it is possible to start with a small DOS data base/data communication configuration and move up through DOS to OS.

This manual provides information essential for persons who have the responsibility to define, prepare, and administer CICS in the environment it supports.
 Manual, 8 1/2 x 11 inches, 246 pages, 1/73
 ///5734-XX7,5736-XX6,5736-XX7

SH20-1044

CUSTOMER INFORMATION CONTROL SYSTEM (CICS), DOS-ENTRY, DOS-STANDARD, OS-STANDARD V2, LIC PROG 5736-XX6, -XX7, 5734-XX7, TERMINAL OPERATOR'S GUIDE
 The IBM Customer Information Control System (CICS) is a transaction-oriented, multiapplication data base/data communication interface between a System/360 or System/370 operating system and user-written application programs. Applicable to most online systems, CICS provides many of the facilities necessary for standard terminal applications: message switching, inquiry, data collection, order entry, and conversational data entry.

CICS is available in three systems - two for DOS users and one for OS users. Because the two CICS/DOS systems are compatible with each other and with the CICS/OS system, it is possible to start with a small DOS data base/data communication configuration and move up through DOS to OS.

This manual provides information of interest to persons involved with terminal operation. These persons include terminal operators, terminal supervisors, master terminal operators, application programmers, system programmers, and system administration.
 Manual, 8 1/2 x 11 inches, 58 pages, 11/73
 ///5734-XX7,5736-XX6,5736-XX7

SH20-1047

CUSTOMER INFORMATION CONTROL SYSTEM (CICS) DOS-ENTRY, DOS-STANDARD OS-STANDARD V2, LIC PROG 5736-XX6, -XX7, 5734-XX7, APPLICATION PROGRAMMER'S REFERENCE
 The IBM Customer Information Control System (CICS) is a transaction-oriented, multiapplication data base/data communication interface between a System/360 or System/370 operating system and user-written application programs. Applicable to most online systems, CICS provides many of the facilities necessary for standard terminal applications: message switching, inquiry, data collection, order entry, and conversational data entry.

CICS is available in three systems - two for DOS users and one for OS users. Because the two CICS/DOS systems are compatible with each other and with the CICS/OS system, it is possible to start with a small DOS data base/data communication configuration and move up through DOS to OS.

This manual provides information of interest to persons defining, designing, and preparing application programs to execute under CICS.
 Manual, 8 1/2 x 11 inches, 304 pages, 11/73
 ///5734-XX7,5736-XX6,5736-XX7

SH20-1048

CUSTOMER INFORMATION CONTROL SYSTEM (CICS) OS-STANDARD V2, LIC PROG 5734-XX7, OPERATIONS GUIDE
 The IBM Customer Information Control System (CICS) is a transaction-oriented, multiapplication data base/data communication interface between a System/360 or System/370 operating system and user written application programs. In addition to the functions required for inquiry and conversational data entry, this open-ended, tabled-controlled, event-driven system provides many of the facilities necessary for standard terminal applications such as message switching, broadcasting, data collection, and order distribution.

CICS is available in three systems - two for DOS users and one for OS users. Because the two CICS/DOS systems are compatible with each other and with the CICS/OS system, it is possible to start with a small data base/data communication configuration and move up through DOS into OS.

This manual provides information of interest to persons responsible for the definition, preparation, and execution of CICS. Included is the information necessary to generate and operate CICS.
 Manual, 8 1/2 x 11 inches, 72 pages, 1/73
 ///5734-XX7

SH20-1208

TELECOMMUNICATIONS CONTROL SYSTEM (TCS) PROGRAMMER'S GUIDE AND REFERENCE MANUAL - PROGRAM PRODUCT 5734-F31
 This manual tells the user who to construct and modify a TCS message control program and TCS-compatible application programs. It explains the TCS-provided sample MCP, the differences between TCS and TCAM, and any TCAM functional restrictions caused by TCS modifications. The TCS retrieval and operator control facilities and the edit application program are fully explained and illustrated. The manual should be used in parallel with the OS/MFT and OS/MVT TCAM Programmer's Guide (GC30-2024). References in this manual to the Customer Information Control System (CICS) are valid after December 1972.

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Manual, 320 pages
 ////5734-F31

SH20-1209

TELECOMMUNICATIONS CONTROL SYSTEM (TCS) OPERATIONS GUIDE, PROGRAM NUMBER 5734-F31
 This Operations Guide provides TCS installation and operations information. The installation information includes general information about installing teleprocessing systems and specific considerations for installing the Telecommunications Control System. The operations portion of the manual covers both systems generation and day-to-day operation.

Among the subjects covered in the discussion of day-to-day operations are the creation of a securities symbol table, the execution of the TCS message control program, and restart capabilities. Operator control commands and command responses, including those for the order edit application program, are also provided. Finally, there is a section describing main storage requirements.
 Manual, 152 pages
 ////5734-F31

SH20-1358

S/370 CICS ON LINE TEST/DEBUG CON EDISON - IUP 5796-AEF DESCRIPTION/OPERATIONS

CICS On-Line Test/Debug provides the programmer with the facilities to test and debug application programs or user files while CICS is operating by entering command statements via a 3270 Information Display System. The features include the ability to display any location in main memory of the machine, alter any location within the CICS job step boundaries, stop the execution of a specific CICS task at a specific address within an application program, display and alter storage records on any data set available to the CICS job step, immediately update changes made to storage records on file, and open or close files on-line. In effect, this program provides a programmer with access to a 3270 the ability to "console debug" programs without interrupting the normal operation of your installation.

Manual, 72 pages
 ////5796-AEF

SH20-1359

S/370 CICS/COBOL CALL INTERFACE NATIONAL BANK OF DETROIT 5796-AEG DESCRIPTION/OPERATIONS

Current users of the Customer Information Control System (CICS) who are writing application programs in ANS COBOL usually with Assembler Language macros in the middle of their application programs. This procedure requires the use of the CICS Preprocessor Program and two compilations of the program, one for the Assembler Language macros and one for the COBOL.

This program provides a COBOL/CICS interface technique which eliminates the use of the CICS Preprocessor Program and makes the writing and debugging of ANS COBOL/CICS application programs considerably easier. The system consists of 12 modules, one for each of the CICS management functions, and a Resident Interface Module. When the COBOL application programmer requires a CICS service, rather than write an Assembler Language macro, he simply codes a predefined COBOL CALL statement passing a list of parameters depending upon the service requested. The test CICS macro is then issued in the subsequently called CICS Service Handler and control is returned to the requesting COBOL program upon completion of the CICS service.

Manual, 178 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SH20-1561

INTERACTIVE QUERY AND REPORT PROCESSOR (IQRP) - IUP 5796-PDG, TERMINAL USER GUIDE

Interactive Query and Report Processor (IQRP) is a terminal oriented inquiry system which allows the terminal user to extract meaningful information and reports from stored data sets.

The purpose of this manual is to assist the IQRP terminal user in using the system. Terminal operation procedures and the IQRP language are explained. A pocket reference card (GB21-9902) summarizes the IQRP user language.

Manual, 60 pages
 ////5796-PDG

SH20-1562

INTERACTIVE QUERY AND REPORT PROCESSOR (IQRP) BOOK I IUP 5796-PDG, DESCRIPTION/OPERATIONS AND SYSTEM ANALYST MANUAL

The purpose of this manual is to provide the systems analyst with a detailed guide, set of instructions and format for establishing an IQRP system within the installation, creating the necessary IQRP tables, adding a new data set and making changes to existing data sets. Prior to using this manual, the reader should be familiar with the General Information Manual (GB21-9903) and the Terminal Users Guide (SH20-1561).

Manual, 86 pages
 ////5796-PDG

SH20-1563

INTERACTIVE QUERY AND REPORT PROCESSOR (IQRP) BOOK II IUP 5796-PDG, OPERATIONS/INSTALLATION GUIDE

The purpose of this manual is to provide those responsible for the installation and operation of IQRP with the required information. This manual contains an IQRP overview, a description of all offline and online modules, sample JCL, and a complete list of error messages.

Manual, 166 pages
 ////5796-PDG

SH20-1624

EXTENDED COBOL SORT - IUP 5796-AGZ, DESCRIPTION/OPERATIONS

Extended COBOL Sort is a routine which will provide the COBOL installation with increased work area sort capacity up to 16 times the normal capacity. It also provides automatic recovery when sort work spaces are exceeded; tape drives are allocated as needed. This operates with IBM ANS COBOL Version 4 (5734-CB2), COBOL/VS (5740-CE1), OS SORT/MERGE (5734-SM1) and SORT/MERGE/VS (5740-SM1)

Manual
 ////5796-AGZ

SH20-1716

COBOL MAINTENANCE AND DOCUMENTATION AID, IUP 5796-AHY, 5796-AHZ, DESCRIPTION/OPERATIONS

The COBOL Maintenance and Documentation Aid is an adjunct to structured programming in that it provides a product of the programming process a detailed map of the architecture of a COBOL program. This publication describes the functions, inputs/outputs, and installation procedures for the COBOL Maintenance and Documentation Aid.

Manual, 22 pages, 10/75
 ////5796-AHY,5796-AHZ

SH20-1844

BATCH TERMINAL SIMULATOR II, IUP 5796-PGI, DESCRIPTION/OPERATIONS

The Batch Terminal Simulator II allows IMS/VS batch and online application programs to be tested in an IMS/VS batch environment without the use of teleprocessing hardware. BTS II provides information about each transaction and message as it progresses through the IMS/VS system. The facilities inherent in the BTS II design philosophy provide the user with a comprehensive means of checking and debugging:

- o Application program logic
- o Interfaces between application programs and IMS/VS
- o Data base activities
- o Teleprocessing activity
- o 3270 format control blocks

In addition, BTS II provides a number of debugging aids and application program performance statistics.

This publication provides a general description of BTS II and describes in detail the programs' functional capabilities and how to use them. The publication also includes explanations of BTS II messages and codes.

Manual
 ////5796-PGI

SH20-1877

CICS/VS ONLINE TEST/DEBUG II, IUP 5796-AHJ, DESCRIPTION/OPERATIONS

CICS/VS Online Test/Debug II is a facility designed to allow programmer using a 3270 Information Display System to test and debug application programs or modules online while CICS/VS is operating in a test or production mode. This means that the programmer can step through programs displaying registers and data, set up data conditions on disk and make program changes without reassembling or relink-editing.

This publication provides a general description of CICS/VS Online Test/Debug II and describes in detail the program's functional abilities and how to use them. The publication also includes appropriate installation and modification information.

Manual, 8 1/2 x 11 inches, 156 pages, 10/76
 ////5796-AHJ

SH20-1885

VSAM CATALOG LIST, IUP 5796-ALQ, -ALR, DESCRIPTION/OPERATIONS

The purpose of this manual is to provide sufficient information to understand, install, maintain, and successfully use the VSAM Catalog List.

The VSAM Catalog List was developed to produce concise VSAM catalog status reports which provide summary data essential for monitoring day-to-day VSAM space utilization requirements. It is designed to be used as a replacement for the catalog listings produced by the VSAM catalog utility, IDCAMS.

Manual, 8 1/2 x 11 inches, 18 pages, 12/76
 ////5796-ALQ,5796-ALR

SH20-2004

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF), IIC PROG 5740-XY3, PROGRAMMER'S GUIDE AND REFERENCE

This publication explains, in detail, the range of teleprocessing functions provided by TCS-ACF, and how to invoke these functions. It tells the user how to write a

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TCS-ACF/TCAM message control program in a single computer network environment, and also how to write TCS-ACF-compatible application programs. It is imperative that the reader use this manual in conjunction with the appropriate edition of the TCAM Programmer's Guide.

This manual describes the level of TCS-ACF code that functions with TCAM Level 10.

Manual, 8 1/2 x 11 inches, 324 pages, 10/77
 ///5740-XY3

SH20-2005

TCS-ACF, LIC PROG 5740-XY3, MODEL MESSAGE CONTROL PROGRAM
 This manual contains an assembler listing and a narrative discussion of the Model Message Control Program (Model MCP) that is supplied with Telecommunications Control System - Advanced Communications Function (TCS-ACF).

The model MCP is intended to facilitate adaptation of TCS-ACF to the user's specific requirements and resources by serving as an example for study and as a model containing tested and readily adaptable code. The model MCP may actually be run if the network definition corresponds (or is changed to correspond) to the user's resources.

Although efforts are made to keep all TCS-ACF manuals current, the user should refer to the actual assembler listing of the model MCP, as received with TCS-ACF, when using it to plan, or to aid in making modifications to his MCP.

TCS-ACF runs on S/370 under OS/VS1 or OS/VS2.
 Manual, 116 pages, 6/78
 ///5740-XY3

SH20-2006

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF), LIC PROG 5740-XY3, OPERATIONS GUIDE

This manual provides the user of TCS-ACF with information necessary for the operation of the TCS-ACF product. Among the subjects covered in the discussion of day-to-day operations are the execution of the TCS-ACF message control programs, restart capabilities, and operator control commands and commands responses. In addition, there is a section describing main storage requirements. The level of TCS-ACF described in this manual functions with TCAM Level 10.

Manual, 8 1/2 x 11 inches, 136 pages, 10/77
 ///5740-XY3

GH20-2007

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF), LIC PROG 5740-XY3, CONCEPTS AND FACILITIES

This manual describes the IBM Telecommunications Control System - Advanced Communications Function (TCS-ACF) program product, which provides control for single CPU network systems incorporating terminals and/or application programs. Based on and enhancing IBM's Telecommunications Access Method (TCAM), TCS-ACF controls traffic between terminals and application programs, message switching between terminals, and message transfer between applications. Lines and terminals may be shared among applications. Both user application programs and complex subsystem environments such as CICS/VS may be supported. Queuing and priority facilities for handling mixed message types may optimize line use and speed delivery of inquiry/responses messages.

A TCS-ACF message control program (MCP), customized by the user with TCS-ACF and TCAM macro instructions and assembler language, operates in the network computer, usually in a different storage-protected region or partition from application programs.

Support facilities include:

- operator control for complex networks
- online statistics gathering and security/authorization capabilities
- alternate path and indirect routing capabilities
- message integrity safeguards
- start/stop, binary synchronous communications, and SNA synchronous data link control device support equivalent to TCAM's
- aids for minimizing application program device-characteristic dependencies, including extended support for the IBM 3270 Information Display System

Note: This manual describes the Basic TCS-ACF program and does not apply to the multicomputer Networking Feature.
 Manual, 8 1/2 x 11 inches, 116 pages, 10/77
 ///5740-XY3

SH20-2104

ACF/VTAM AND NOSF DEFINITION AID, IUP 5796-PKY DESCRIPTION/OPERATIONS

This manual is a guide for installing and using the ACF/VTAM and NOSF Definition Aid Installed User Program. It is intended for the systems programmer(s) responsible for defining and maintaining an ACF/VTAM multiple domain network.

The IUP can be used to generate the cross domain resource (CDRSC) definitions for ACF/VTAM and the resource routing default (RFD) definitions for NOSF.

Written in System/370 Assembler language and designed to operate with OS/VS1 Release 6 and OS/VS2 (SVS Release 1.7 and MVS Release 3.7), it uses only sequential access methods. The formats of the definitions generated are compatible with ACF/VTAM and the Network Operation Support Program (NOSP).

Manual, 8 1/2 x 11 inches, 32 pages, 7/78

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///5796-PKY

SH20-2142

TCS-ACF VERSION 2 NETWORKING LOGIC, LIC PROG 5740-XY3

This publication explains, in detail, the range of teleprocessing functions provided by TCS-ACF Version 2 including the TCS-ACF Base Program plus the Networking Feature. It tells the user how to write a TCS-ACF/TCAM message control program in a single or a multiple computer network environment, and also how to write TCS-ACF compatible application programs. It is imperative that the reader use this manual in conjunction with the ACF/TCAM System Programmer's Guides. This manual describes the level of TCS-ACF code that functions with ACF/TCAM base feature number 9001 and Networking feature number 6008. The ACF/TCAM Networking Feature is a prerequisite for the TCS-ACF Networking feature.

Manual, 428 pages, 6/78
 ///5740-XY3

SH20-2144

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF) VERSION 2, LIC PROG 5740-XY3, NETWORKING OPERATIONS GUIDE

This manual provides the user of TCS-ACF for S/370 OS/VS1 or OS/VS2 with information necessary for the operation of TCS-ACF Version 2 - including the TCS-ACF Base Program plus the Networking feature. Among the subjects covered in the discussion of day-to-day operations are the execution of the TCS-ACF message control programs, restart capabilities, and operator control commands, and commands responses. In addition, there is a section describing main storage requirements.

The level of TCS-ACF described in this manual functions with ACF/TCAM Base feature number 9001 and Networking feature number 6008. The ACF/TCAM Networking feature is a prerequisite for the TCS-ACF Networking feature.

Manual, 162 pages, 6/78
 ///5740-XY3

SH20-2145

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF) VER 2, LIC PROG 5740-XY3, BASE PROGRAM OPERATIONS GUIDE

This manual provides the user of TCS-ACF with information necessary for the operation of the TCS-ACF Version 2 Base Program for S/370 OS/VS1 or OS/VS2. Among the subjects covered in the discussion of day-to-day operations are the execution of the TCS-ACF message control programs, restart capabilities, and operator control commands and command responses. In addition, there is a section describing main storage requirements.

The level of TCS-ACF described in this manual functions with ACF/TCAM Base feature number 9001 and Networking feature number 6008. The TCS-ACF Networking feature is not described in this manual.

Manual, 144 pages, 6/78
 ///5740-XY3

GH20-2156

TELECOMMUNICATIONS CONTROL SYSTEM ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF), NETWORKING, CONCEPTS AND FACILITIES MANUAL

This manual introduces the Networking feature of TCS-ACF, which may be ordered with TCS-ACF Base program. The Networking feature enriches the functions provided by ACF/TCAM with the Multisystem Networking Facility.

The Networking feature of TCS-ACF:

- Extends device support provided by ACF/TCAM MSNF
- Provides enhanced routing capability and traffic management facilities.
- Provides an integrated inter-host message switching capability.
- Simplifies network definition in a multi-host network.
- Provides a structure for incorporation of foreign (non-SNA) hosts, foreign links, or multiple SNA networks into a single network.
- Provides a Model Message Control Program that can be run without change, or tailored to the user's requirements.

Manual, 36 pages, 1/79
 ///5740-XY3

SH20-2161

RACF/CODES UPDATE SYSTEM, IUP 5796-PLK DESCRIPTION/OPERATIONS

The RACF/Codes Update System Installed User Program is a fully automated password generation and auditing system. It provides the installation with the ability to update RACF user type passwords and/or audit their users within any desirable time frame. With the use of the system, a RACF installation can centralize the control of the password assignment and change functions which are normally a RACF user responsibility.

The RACF/Codes Update System is designed to be used with "snap-out" form-type mailers, which are readily available from various forms vendors. The program prints the new password, name and address, and any user message on the cover sheet of the special form. This cover sheet is removed and held as the master listing and is used for the auditing process. The new password and message are printed only on the cover sheet and on the inside part of the form.

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This is accomplished by the arrangement of carbons within the mailer envelope. The new password is visible only when it is separated from the envelope portion of the multipart form.
Manual, 20 pages, 1/79
////5796-PLK

SH20-2172

VSAM SELECTIVE RESTORE (OS/VS), IUP 5796-AXL,
DESCRIPTION/OPERATIONS
This manual is intended for personnel responsible for installing and supporting the VSAM Selective Restore (OS/VS) IUP 5796-AXL. It describes the program as well as installation, operation, and checkout procedures.
Manual
////5796-AXL

SH20-2175

CICS/VS ONLINE PROMPTING FACILITY IUP 5796-AWQ,
DESCRIPTION/OPERATIONS
This manual describes the capabilities of the CICS/VS Online Prompting facility IUP (5796-AWQ). Information is provided for the installation and use of the IUP.
Manual
////5796-AWQ

SH20-2176

JES3 MONITORING FACILITY II, IUP 5796-PLW,
DESCRIPTION/OPERATIONS
JES3 Monitoring Facility II (JMF II) is a software monitor that provides the ability to measure and evaluate the performance of an existing IBM system operating under JES3 Release 3.
This program Description/Operations Manual provides all the material necessary to install and operate the JMF II Installed User Program (IUP). It is intended for the systems programmer(s) responsible for maintaining and tuning the JES3/MVS operating system.
An in depth knowledge of JES3 internals is required for proper and effective use of this program. This document does not provide that knowledge.
Manual
////5796-PLW

SH20-2177

DATA EXTRACTION PROCESSING AND RESTRUCTURING SYSTEM, IUP
5796-PLH, DESCRIPTION/OPERATIONS
This is a generalized data restructuring and extraction program. It takes sequential files and/or DL/I data bases, and restructures them or extracts information from them, to form new sequential files or different DL/I data bases. During the process, validity checking and data translation are performed.
The system is driven by two high-level control statement facilities: Define, for data description, and Convert, for data restructuring.
The program consists of three components: a reader, a restructurer, and a writer. The system is written in PL/I and assembler languages. It generates customized PL/I Programs and requires PL/I compiler and libraries for execution. It operates under OS/VS1, SVS, and MVS.
Manual, 8 1/2 x 11 inches, 356 pages, 8/79
////5796-PLH

SH20-2178

DATA EXTRACTION, PROCESSING AND RESTRUCTURING SYSTEM, IUP
5796-PLH, REFERENCE
The Data Extraction, Processing, and Restructuring System can access a wide variety of data and translate and restructure it for new uses. It is driven by two control statement facilities: Define, which the user codes to describe the data, and Convert, which the user codes to specify how the data is to be restructured.
This manual describes the Define and Convert control statements in detail, provides many examples, and explains techniques for correcting errors.
Manual
////5796-PLH

SH20-2191

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS
FUNCTION (TCS-ACF) - NETWORKING LIC PROG 5740-XY3
MODEL MESSAGE CONTROL PROGRAM (MODEL MCP)
This manual contains an assembler listing and a narrative discussion of the Model Message Control Program (Model MCP) that is supplied with Telecommunications Control System - Advanced Communications Function (TCS-ACF), Base Program with Networking Feature.
The model MCP is intended to facilitate adaptation of TCS-ACF to the user's specific requirements and resources by serving as an example for study and as a model containing tested and readily adaptable code. The model MCP may actually be run if the network definition corresponds (or is changed to correspond) to the user's resources.
Although efforts are made to keep all TCS-ACF manuals current, the user should refer to the actual assembler listing of the model MCP, as received with TCS-ACF, when using it to plan, or to aid in making modifications to his MCP.
Manual, 268 pages, 2/79
////5740-XY3

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GH20-2192

TELECOMMUNICATIONS CONTROL SYSTEM-ADVANCED COMMUNICATIONS
FUNCTION (TCS-ACF), LIC PROG 5740-XY3, BASE PROGRAM CONCEPTS
AND FACILITIES
This manual introduces the IBM Telecommunications Control System-Advanced Communications Function (TCS-ACF) program product, and describes the facilities provided, and the system design structure used. (Only the TCS-ACF Base program is described and not the TCS-ACF Networking feature. The Networking feature is described in a separate manual.
Manual, 8 1/2 x 11 inches, 32 pages, 1/79
////5740-XY3

SH20-2198

TELECOMMUNICATIONS CONTROL SYSTEM ADVANCED COMMUNICATION
FUNCTION (TCS-ACF) BASE PROGRAM, LIC PROG 5740-XY3
MODEL MESSAGE CONTROL PROGRAM (MODEL MCP)
This manual contains an assembler listing and a narrative discussion of the Model Message Control Program (Model MCP) that is supplied with Telecommunications Control System, Advanced Communications Functions (TCS-ACF), Base Program.
The model MCP is intended to facilitate adaptation of TCS-ACF to the user's specific requirements and resources by serving as an example for study and as a model containing tested and readily adaptable code. The model MCP may actually be run if the network definition corresponds (or is changed to correspond) to the user's resources.
Although efforts are made to keep all TCS-ACF manuals current, the user should refer to the actual assembler listing of the model MCP, as received with TCS-ACF, when using it to plan or to aid in making modifications in this MCP.
Manual, 112 pages, 2/79
////5740-XY3

SH20-2337

VM/370 REALTIME MONITOR, IUP 5796-PNA,
DESCRIPTION/OPERATIONS
The VM Realtime Monitor provides a comprehensive mechanism that can be used to detect realtime problems, analyze system performance, measure the effects of system changes and assist the operators in running and controlling the total system. It provides system statistics which are not available through any other means. The monitor is totally command, timer and table driven and presents information in realtime on any terminal or display supported by the VM/370 control program.
This IUP will simplify the entire process of performance analysis in a VM/370 environment and management of a VM/370 installation.
Manual
////5796-PNA

SH20-2338

3850 CARTRIDGE OFF-SITE STORAGE SYSTEM, IUP 5796-AWZ,
DESCRIPTION/OPERATIONS
This manual describes the capabilities of the 3850 Cartridge Off-Site Storage System. Information is provided in the installation, use and maintenance of the system.
Manual
////5796-AWZ

SH20-2341

VS APL EXTENDED EDITOR AND FULL SCREEN MANAGER, IUP
5796-PLY, DESCRIPTION/OPERATIONS
This manual describes the functional capabilities of the VS APL Extended Editor and Full Screen Manager. It contains a general overview of the editor, detailed descriptions of the commands available, and illustrations of the usage of the commands. Also included are the instructions necessary to install and use the VS APL Extended Editor and Full Screen Manager.
The VS APL Extended Editor is written in S/370 Assembler and is a replacement for the standard APL del-editor. The Extended Editor supports the hardware editing features of the 3270 display station, and aids the APL programmer in the creation, modification, and testing of programs in a shorter amount of time.
The Full Screen Manager is an auxiliary processor that allows the APL programmer to manipulate the 3270 console in full screen mode. The auxiliary processor, AP124X, is similar to the AP124 auxiliary processor for VSPC and CICS. AP124X has some additional capabilities that are not available in the versions for VSPC and CICS.
Some of the major features of this IUP are:

- Full Screen Support for Editor
- Full Screen Support for APL programmer
- Multiple Function Parallel Editing
- Execution of APL expressions within the Editor
- Context Editing commands
- Ability to Edit Character Matrices and Vectors
- Compatibility with del-editor
- Similarity to CMS and TSC Editors

Manual, 8 1/2 x 11 inches, 144 pages, 8/79
////5796-PLY

SH20-2344

APL WORKSPACE STRUCTURE ANALYZER, IUP 5796-PNB,
DESCRIPTION/OPERATIONS
This IUP consists of a collection of programs in a single workspace which gather cross reference information about a collection of APL or FORTRAN programs. Additional programs

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display this information in a number of useful ways, and include output on terminals, system printer, or documentation file. Name manipulation functions help one group the names of functions and variables into functional groups for program partitioning, or for documentation displays. Additional functions are provided that allow one to "browse" a workspace, looking for specific character patterns. A "revision" function helps make global changes to APL functions and character variables.

Manual
 ///5796-PNB

SH20-2356

JES2 INFORMATION RETRIEVAL SYSTEM FOR CMS, IUP 5796-AYD, DESCRIPTION/OPERATIONS

This manual is intended for personnel installing and using the JES2 Information Retrieval System for CMS, IUP 5796-AYD. It describes the system as well as installation, operation, and checkout procedures.

Manual
 ///5796-AYD

SH20-2358

TELEPROCESSING VIRTUAL MACHINE, IUP 5796-PNC, DESCRIPTION/OPERATIONS

The Teleprocessing Virtual Machine (TPVM) is an application program designed to provide remote intelligent sub-systems (e.g. mini-computers, micro-computers) with the ability to access and utilize the facilities of the IBM VM/370 system via bisynchronous telecommunications links. TPVM is a VM/CMS machine whose primary function is to provide the necessary link between two levels of a hierarchical distributed system.

This manual contains a description of the system, the message formats used to communicate between TPVM and the sub-systems, as well as guide lines for system installation. Examples of message format usage are included to demonstrate the variety of message formats and their functions. This information is intended to be used primarily by system programmers responsible for maintaining TPVM. Appendix B provides the remote sub-system programmer with summaries of message formats.

Manual
 ///5796-PNC

SH20-2361

SOURCE COMPARE/AUDIT UTILITY, IUP 5796-PLZ, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 8 1/2 x 11 inches, 88 pages, 9/79
 ///5796-PLZ

SH20-2402

TIME SHARING OPTION 3270 DISPLAY SUPPORT AND STRUCTURED PROGRAMMING FACILITY, LIC PROG, INSTALLATION AND CUSTOMIZER GUIDE

The Structured Programming Facility is a program development tool designed to take advantage of the characteristics of IBM 3270 display terminals, and to increase productivity in the Time Sharing Option environment for users of both structured and conventional programming techniques.

This manual provides detailed information on how to install and customize the Structured Programming Facility under the Time Sharing Option of VS2 Release 1.7 (SVS), or VS2 Release 3.7 or 3.8 (MVS).

Manual, 76 pages, 7/79
 ///5740-XT8

GH20-2403

VSE/3270 BISYNCHRONOUS PASS THROUGH, LIC PROG 5746-AM5, DESIGN OBJECTIVES

The VSE/3270 Bisync Pass Through program product provides a host-connect facility for terminals attached to IBM 4300 Processors, System/370, and the IBM 3031 Processors in a distributed environment.

This manual provides a general description of VSE/3270 Bisync Pass Through.
 Manual, 16 pages, 5/79
 ///5746-AM5

SH20-2409

STRUCTURED PROGRAMMING FACILITY/CONVERSATIONAL MONITOR SYSTEM, LIC PROG 5748-XT3, PROGRAM REFERENCE

The Structured Programming Facility is a program development tool designed to take advantage of the characteristics of IBM 3270 display terminals, and to increase productivity in an interactive environment for users of both structured and conventional programming techniques.

The Structured Programming Facility/Conversational Monitor System is functionally equivalent to the Structured Programming Facility/Time Sharing Option program product, 5740-XT8, Version 2.2. The two products are fully compatible in display formats and operation, except for those features that are explicitly oriented to the Time Sharing Option or the Conversational Monitor System.

This manual provides detailed information on how to use this program product.
 Manual, 176 pages, 9/79
 ///5748-XT3

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SH20-2410

STRUCTURED PROGRAMMING FACILITY/CONVERSATIONAL MONITOR SYSTEM, LIC PROG 5748-XT3, CUSTOMER AND INSTALLATION GUIDE
 The Structured Programming Facility is a program development tool designed to take advantage of the characteristics of IBM 3270 display terminals, and to increase productivity in an interactive environment for users of both structured and conventional programming techniques.

The Structured Programming Facility/Conversational Monitor system is functionally equivalent to the Structured Programming Facility/Time Sharing Option program product, 5740-XT8. The two products are fully compatible in display formats and operation, except for those features that are explicitly oriented to the Time Sharing Option or the Conversational Monitor System.

This manual provides detailed information on how to install and custom tailor this program product, and is intended for use by the system programmer.
 Manual, 48 pages, 9/79
 ///5748-XT3

SH20-2415

JOB ENTRY SUBSYSTEM 3/NETWORKING, LIC PROG 5799-AZT, PROGRAM REFERENCE MANUAL

This publication is intended for system programmers responsible for the installation and maintenance of the Job Entry Subsystem 3/Networking PRPQ. It describes how to install and initialize the Job Entry Subsystem 3/Networking PRPQ in the existing Job Entry Subsystem 3 system. The reader should be familiar with the generation process for Job Entry Subsystem 3.

Manual, 36 pages, 9/79
 ///5799-AZT

SH20-2416

JOB ENTRY SUBSYSTEM 3/NETWORKING, LIC PROG 5799-AZT, OPERATIONS GUIDE

This publication is a guide and reference for the operator of a Job Entry Subsystem 3 Release 3 (SU26) system with the Job Entry Subsystem 3/Networking PRPQ installed. It assumes that the operator is familiar with the Operator's Library: OS/VS2 Reference (Job Entry Subsystem 3) manual (GC38-0226). It presents specific operating techniques and operator commands related to computer networking. The Job Entry Subsystem 3/Networking messages are defined in terms of the system action and the required operator response.

Manual, 28 pages, 9/79
 ///5799-AZT

SH20-2417

JOB ENTRY SUBSYSTEM 3/NETWORKING, LIC PROG 5799-AZT, USER'S GUIDE

This publication is intended for application programmers using Job Entry Subsystem 3 systems with Job Entry Subsystem 3/Networking PRPQ installed. It describes the additional functional capabilities that this PRPQ makes available to the application programmer and how the programmer can make use of them.

Manual, 16 pages, 9/79
 ///5799-AZT

SH20-2432

INFORMATION/SYSTEM, LIC PROG 5735-CZS, DESCRIPTION/OPERATIONS

This manual is intended to provide an overview of the product, the installation instructions, how to use the system, and the commands and messages for users of the system.

An introduction and a product overview is provided for general knowledge of the INFORMATION/SYSTEM programs and the INFORMATION/MVS data base. A set of installation instructions is provided for the system programmer. The remaining sections describe how to use the system.

INFORMATION/SYSTEM is a set of five programs used to load and retrieve data online from the INFORMATION/MVS data base. The data base contains technical information in support IBM software products, the SRL manuals, IBM publications, and general information relating to IBM products.

Manual, 104 pages, 1/80
 ///5735-CZS

SH20-2434

VSE/3270 BISYNCHRONOUS PASS THROUGH, LIC PROG 5746-AM5, PROGRAM REFERENCE & OPERATIONS

The VSE/3270 Bisync Pass Through program product provides a host-connect facility for terminals attached to IBM 4300 Processors, System/370, and the IBM 3031 Processors in a distributed environment.

This manual provides the technical installation and operation detail for the VSE/3270 Bisync Pass Through program.

Manual, 52 pages, 2/80
 ///5746-AM5

SH20-2462

DOS/VSE/AF3 REMOTE JOB ENTRY WORKSTATION PROGRAM, LIC PROG 5746-RC9, OPERATOR'S GUIDE

This publication describes the operation and installation of the DOS/VSE/AF3 Remote Job Entry Workstation Program. It is intended for the system programmer responsible for

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installing and maintaining the system and by the operator at the workstation computer.

The manual explains the use of commands to control processing and lists the messages produced by the program. It also defines the generation parameters and describes how to install and generate the program.
Manual, 8 1/2 x 11 inches, 124 pages, 9/80
////5746-RC9

SH20-2463

DOS/VSE/AF3 REMOTE JOB ENTRY WORKSTATION PROGRAM, LIC PROG 5746-RC9, PROGRAM REFERENCE

This publication defines and describes the facilities provided by the DOS/VSE/AF3 Remote Job Entry Workstation Program and contains the information necessary to plan for utilization and installation. It is intended for the system programmer responsible for installing and maintaining the system. Additional information on the operation and use of DOS/VSE/AF3 Remote Job Entry Workstation Program is directed to computer data center personnel responsible for operation planning.

The manual describes the program, explains the internal structure in terms of functions provided, and discusses the operating procedures. It also describes the device support, storage and programming system requirements, and performance considerations.

Manual, 8 1/2 x 11 inches, 104 pages, 9/80
////5746-RC9

GH20-2479

JOB NETWORK FACILITY, LIC PROG 5740-XYW, GENERAL INFORMATION

This publication provides a general description of the VSI Job Networking Facility program. It is intended as an aid in evaluating the program, and is addressed to executives and managers who make data processing decisions.

Manual, 8 1/2 x 11 inches, 20 pages, 11/80
////5740-XYW

SH20-2503

SOFTWARE SUPPORT SYSTEM, LIC PROG 5799-BAJ PRPQ MK6133 OPERATIONS GUIDE

This publication presents the basic information an operator needs to run the Software Support System. This programming RPQ is available on special quotation only.

Manual, 8 1/2 x 11 inches, 72 pages
////5799-BAJ

SH20-2504

SOFTWARE SUPPORT SYSTEM, LIC PROG 5799-BAJ PRPQ MK6133 SYSGEN & MAINTENANCE

This publication presents the basic information a system programmer needs to install and maintain the Software Support System. This programming RPQ is available only on special quotation.

Manual, 8 1/2 x 11 inches, 240 pages, 10/80
////5799-BAJ

SH20-2506

MVS PAGING SUBSYSTEM EXTENDED SWAP, IUP 5796-PNW, DESCRIPTION/OPERATIONS

This publication provides installation instructions and operational suggestions for the Extended Swap IUP, program number 5796-PNW. Extended Swap is a modification to the Real Storage Manager (RSM) of an MVS/SE or MVS/SP system which diverts local paging initiated by address space swapping operations from the local page data sets to swap data sets.

The expected audience for this publication includes installation managers, planners and performance specialists who may be evaluating the applicability of this product (primarily using the Introduction), and system programmers who will be responsible for installing and maintaining the product as well as establishing and altering system configurations.

Manual
////5796-PNW

SH20-2509

3800 90 DEGREE PRINT PROGRAM, IUP 5796-BAC, DESCRIPTION/OPERATIONS

This program is an extension to the existing IBM 3800 90 Degree Print Programs (5796-ARF and 5796-AWX) which extends the capabilities of these programs. Printing at 5, 6, and 7.5 lines per inch with 8, 9.6 and 12 characters per inch are now provided.

Manual, 8 1/2 x 11 inches, 84 pages, 2/81
////5796-BAC

SH20-2510

UNIVERSAL DUMP ALTER COPY AND SELECT UTILITY, IUP 5796-BAF, DESCRIPTION/OPERATIONS

Universal Dump Alter Copy and Select is a general purpose file processing utility incorporating into one program all the functions currently available only in several utility programs plus key additional functions. UDACS can copy, print, alter and/or select records all in only one pass of the file.

Manual, 8 1/2 x 11 inches, 74 pages, 2/81
////5796-BAF

SH20-2522

VIRTUAL LIBRARIAN, IUP 5796-PNZ, DESCRIPTION/OPERATION

Virtual Librarian is a set of programs written in PL/I and ASSEMBLER that permit a VM/370 computer installation to more easily manage up to 9999 tapes. A set of commands are provided which enable users to modify data related to their own tapes and for systems personnel to control and manage the entire library.

Manual, 8 1/2 x 11 inches, 36 pages, 3/81
////5796-PNZ

SH20-2524

INTRODUCTION TO THE DATA EXTRACTION PROCESSING AND RESTRUCTURING SYSTEM, IUP 5796-PLH, TEXTBOOK

This course is for individuals who need to use the Restructuring System to restructure and manipulate data. The course will be of particular interest to Application Programmers who must create and maintain files and databases. In addition, it is of value to Database Administrators and any other individuals who are confronted with the need to extract, restructure, or edit data files.

This course teaches the functions and architecture of the Restructuring System. It includes detailed instructions in the preparation of control statements used to generate tailor-made READER, CONVERT, and WRITER programs of this system. It also explains the operational procedures to follow in order to generate and to execute these programs.

Manual
////5796-PLH

SH20-2525

INTRODUCTION TO THE DATA EXTRACTION PROCESSING AND RESTRUCTURING SYSTEM, IUP 5796-PLH, STUDY GUIDE

This course is for individuals who need to use the Restructuring System to restructure and manipulate data. The course will be of particular interest to Application Programmers who must create and maintain files and databases. In addition, it is of value to Database Administrators and any other individuals who are confronted with the need to extract, restructure, or edit data files.

This course teaches the functions and architecture of the Restructuring System. It includes detailed instructions in the preparation of control statements used to generate tailor-made READER, CONVERT, and WRITER programs of this system. It also explains the operational procedures to follow in order to generate and to execute these programs.

Manual, 8 1/2 x 11 inches, 108 pages, 2/81
////5796-PIH

SH20-4083

INTERACTIVE PRODUCTIVITY FACILITY, LIC PROG 5748-MS1, USE FEATURE: USER'S GUIDE

The Interactive Productivity Facility is a tool designed to assist in the management and use of computer systems. This manual provides the information necessary to use this product in a VSE environment. The facilities of the product are described in detail. Of special interest are the dialogues which are also covered in detail.

Manual, 504 pages, 2/81
////5748-MS1

GH20-4106

INFORMATION MANAGEMENT SYSTEM/360 (IMS/360) VERSION 2 SPECIFICATIONS - PROGRAM PRODUCT 5734-XX6

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product. Specification sheet, 6 pages

////5734-XX6

GH20-4543

TELECOMMUNICATIONS CONTROL SYSTEM-ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF), LIC PROG 5740-XY3, SPECIFICATIONS

Specifications provide information on the warranted functions of the licensed program.

Flyer, 8 1/2 x 11 inches, 4 pgs, 1/78
////5740-XY3

GH20-4548

CICS/DOS/VS, LIC PROG 5746-XX3, SPECIFICATIONS

These specifications define the contents of the subject licensed program. The audience for this publication is primarily licensees and prospects, and secondarily, IBM personnel.

Flyer, 6 pages, 8/78
////5746-XX3

GH20-4551

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF) BASE PROGRAM SPECIFICATIONS

These specifications define the contents of the subject licensed program. The audience for this publication is primarily licensees and prospects, and secondarily, IBM personnel.

Flyer, 2 pages, 8/78
////5740-XY3

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GH20-4561

DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE, LIC PROG 5740-XC5, 5746-XC4 SPECIFICATIONS (CURRENT RELEASE)
DMS/CICS/VS simplifies the implementation of online information systems using the 3270 Information Display System. The DMS/CICS/VS DL/I data base and file management, display management, and message handling capabilities make it possible to implement many new or existing applications in the online environment with little or no user programming. This document describes the functions of DMS/CICS/VS and details the capabilities of the system.
Flyer, 4 pages, 4/79
///5740-XC5,5746-XC4

GH20-4564

CUSTOMER INFORMATION CONTROL SYSTEM/OPERATING SYSTEM/VIRTUAL STORAGE (CICS/OS/VS) V1.4.1, LIC PROG 5740-XX1, SPECIFICATIONS
CICS/OS/VS is a general purpose DB/DC interface between the operating system and application programs written in COBOL, PL/I or Assembler. The user can tailor a CICS/OS/VS system configuration applicable to the needs of the installation and define the environment in which the system is to execute. This document details the system requirements, the hardware environment, and the programming systems. It also describes intersystem communications considerations and terminal support.
Flyer, 4 pages, 5/79
///5740-XX1

GH20-4580

INTERACTIVE PRODUCTIVITY FACILITY, LIC PROG 5748-MS1, DESIGN OBJECTIVES
These design objectives define the contents of the subject licensed program. The audience for this publication is primarily prospects and secondarily IBM personnel.
Flyer, 4 pages, 1/79
///5748-MS1

GH20-4634

CICS/OS/VS, LIC PROG 5740-XX1, VERSION, RELEASE 5 DESIGN OBJECTIVES
This program product, with previous releases of CICS/OS/VS Version 1 and the releases of CICS/DOS/VS Version 1, facilitates the implementation of terminal-oriented applications. This document describes the provisions of the program product and the security facilities of CICS/OS/VS, and details the major release dependencies for CICS/OS/VS.
Flyer, 3 pages, 8/79
///5740-XX1

GH20-4641

INTERACTIVE PRODUCTIVITY FACILITY, LIC PROG 5748-MS1, SPECIFICATIONS
The Interactive Productivity Facility is a licensed program designed to increase the productivity and simplify the tasks of those who use and manage IBM computer resources. This document describes the Interactive Productivity Facility content and provides the machine and programming requirements for the program.
Flyer
///5748-MS1

GH20-4642

DL/I DOS/VS, LIC PROG 5746-XX1, SPECIFICATIONS (CURRENT RELEASE)
DL/I DOS/VS is a data base management control system for System/370 DOS/VS users. DL/I DOS/VS may be used to write data independent applications and to allow data base management for the user. The DL/I DOS/VS system provides support for user application programs written in COBOL, PL/I, RPG II, or Assembler language. DL/I DOS/VS executes as an application program in a virtual storage environment under DOS/VS or DOS/VSE. This document provides details about the additional functions of this release.
Flyer, 5 pages, 7/79
///5746-XX1

GH20-4645

VSE/3270 BISYNCHRONOUS PASS THROUGH, LIC PROG 5746-AM5, DESIGN OBJECTIVES
These design objectives define the contents of the subject Licensed Program. The audience for this publication is primarily prospects and secondarily IBM personnel.
Flyer, 2 pages, 2/79
///5746-AM5

GH20-4648

JES 3 NETWORKING, LIC PROGRAM 5799-AZT, DESIGN OBJECTIVES
JES3 provides for the communication of jobs for execution and print and punch formatted data streams to other JES3, JES2/NJE systems, and HASP, VM/370, and ASP systems when running with their respective network job interface support. This document describes JES3 transmission, compatible products, store and forward facility, and routing, which is provided by means of destination tables that are established at system initialization.
Flyer, 2 pages, 3/79
///5799-AZT

GH20-5000

EXTENDED TELECOMMUNICATIONS MODULES, LIC PROG 5746-XXE, SPECIFICATIONS
The basic function of Extended Telecommunications Modules is to establish and support, in a DOS/VS environment, a data flow between a CICS/DOS/VS application and a corresponding user application for IBM advanced-communication subsystems and pre-SNA terminals. This document enumerates the basic services performed by this program and describes the facilities that provide the functions performed by the program product, e.g., I/O Module, Application Program Interface, Linkage Module, Master Terminal Functions, System Services Control Point, Support Service Utilities, RAS Functions, Concurrent Online Telecommunication Test, and Preprocessor.
Flyer, 4 pages, 12/79
///5746-XXB

GH20-5007

DISPLAY MANAGEMENT SYSTEM/3770 DMS/3770), LIC PROG 5748-XC3 FUNCTIONAL DESCRIPTION
No abstract available.
Flyer, 8 1/2 x 11 inches, 4 pages, 3/81
///5748-XC3

GH20-5064

CUSTOMER INFORMATION CONTROL SYSTEM/DISK OPERATING SYSTEM/VIRTUAL STORAGE, LIC PROG 5746-XX3, DESIGN OBJECTIVES
CICS/DOS/VS Version 1 Release 5, together with the previous releases of CICS/DOS/VS Version 1 and the releases of CICS/OS/VS Version 1 form an upward compatible family of data base/data communication products providing a common application interface. This document describes the provisions of the program, lists the logical components needed to support the applications provided, and provides the system requirements and the programming systems.
Flyer, 3 pages, 8/79
///5746-XX3

GH20-5281

JOB ENTRY SUBSET 3/NETWORKING, LIC PROG 5799-AZT, SPECIFICATIONS
This program provides for the communication of jobs for execution and print and punch formatted data streams to other JES3, JES2/NJE systems, and HASP, VM/370, and ASP systems when running with their respective Network Job Interface support. This document provides the highlights of the program's capabilities and describes the programming and system requirements.
Flyer, 2 pages, 8/79
///5799-AZT

GH20-5283

STRUCTURED PROGRAMMING FACILITY/CONVERSATIONAL MCNITCR SYSTEM, 5748-XT3, SPECIFICATIONS
The Structured Programming Facility is a program development tool designed to take advantage of the characteristics of IBM 3270 display terminals, and to increase productivity in an interactive environment for users of both structured and conventional programming techniques. This document describes the four basic types of display presentations, the commonly used SPF operations, and the major functions provided by SPF.
Flyer, 3 pages, 8/79
///5748-XT3

GH20-5292

INFORMATION/SYSTEM (INFO/SYSTEM) LIC PROG 5735-OZS, SPECIFICATIONS
INFO/SYSTEM consists of five programs designed to operate with the INFORMATION/MVS (INFO/MVS) data feature. The programs are used to load the INFO/MVS data, insert user data, and provide access to the data. The INFO/MVS data is maintained by a periodic (10-12 per year) distribution tape that completely replaces the INFO/MVS data previously distributed.
Flyer, 8 1/2 x 11 inches, 2 pages, 1/80
///5735-OZS

GH20-5293

VSE/3270 BISYNCHRONOUS PASS THROUGH, LIC PROG 5746-AM5, SPECIFICATIONS
VSE/3270 Bisynchronous Pass Through is a program product designed to allow an IBM processor running under DOS/VSE and CICS/DOS/VS to appear as a remotely attached IBM 3271 Control Unit to a connected host processor. The connection to the host processor is over a binary synchronous communications link. This document provides the machine and programming requirements in the specified operating environment.
Flyer, 8 1/2 x 11 inches, 2 pages, 2/80
///5746-AM5

GH20-5304

INTERACTIVE PRODUCTIVITY FACILITY, LIC PROG 5748-MS1, SPECIFICATIONS
The Interactive Productivity Facility is specifically designed to assist users of the VM System Installation Productivity Option/Extended. This document describes the display panels, the components that comprise the Facility,

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and lists the programs for which EXECs can perform selected tasks. This document also describes installation and use considerations.
Manual, 2 pages, 9/80
////5748-MS1

GH20-5305

SCREEN DEFINITION FACILITY/CICS, LIC PROG 5740-XYF, 5746-XXT SPECIFICATIONS
The Screen Definition Facility/CICS licensed program is an online application development tool for the CICS/VS application programmer who wants to define the edit maps and map sets for the CICS/VS Basic Mapping Support. This document describes the new function in Release 2.0 and provides the machine and programming requirements.
Flyer, 8 1/2 x 11 inches, 4 pages, 9/80
////5740-XYF,5746-XXT

GH20-5306

INTERACTIVE PRODUCTIVITY FACILITY, LIC PROG 5748-MS1, SPECIFICATIONS
The Interactive Productivity Facility is specifically designed to assist users of the VSE System Installation Productivity Option/Extended (VSE System IPO/E). This document describes the visual display panels through which the Interactive Productivity Facility Communicates with the user and lists the programs for which the executable jobstreams perform selected tasks. This document also describes the machine and programming requirements and lists the products with which the Interactive Productivity Facility is designed to operate.
Flyer, 8 1/2 x 11 inches, 4 pages, 10/80
////5748-MS1

GH20-5313

INTERACTIVE PRODUCTIVITY FACILITY, RELEASE 2 (VM/VSE ENVIRONMENT), LIC PROG 5748-MS1, SPECIFICATIONS
The Interactive Productivity Facility is specifically designed to assist users of Release 2.0 of the VM/VSE System Installation Productivity Option/Extended. This document describes the panels that comprise the dialogues, describes the components of the facility, and lists the programs for which the facility performs selected tasks.
Flyer, 8 1/2 x 11 inches, 3 pages, 10/80
////5748-MS1

GH20-5315

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE, LIC PROG 5746-XXV, SPECIFICATIONS
Entry Level Interactive Application System-One is intended to assist designers and programmers who are implementing data base/data communications applications with CICS/DOS/VS and/or DL/I DOS/VS using COBOL, PL/I, or DMS/CICS/VS-DOS. This document describes the tasks for which this program product provides interactive dialogs, describes the machine requirements in a DOS/VSE environment, and lists the programs with which it operates.
Flyer, 8 1/2 x 11 inches, 1 page, 11/80
////5746-XXV

GH20-5316

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE/VM, LIC PROG 5478-XXK, SPECIFICATIONS
ENTRY LEVEL INTERACTIVE APPLICATION-ONE/VM (ELIAS-I/VM) provides assistance to designers and programmers who are implementing data base/data communications applications with CICS/DOS/VS and/or DL/I DOS/VS using COBOL, PL/I, or DMS/CICS/VS-DOS. This document describes the tasks for which ELIAS-I/VM provides interactive dialogs, describes the machine requirements in both VM/DOS/VSE and VM environments, and lists the programs with which ELIAS-I/VM operates.
Flyer
////5748-XXK

SH20-6132

SPM-II FILE COMPRESSION AND REPORTING SYSTEM, IUP 5796-AYG DESCRIPTION/OPERATIONS
This manual is intended for personnel installing and using the SPM II File Compression and Reporting system IUP, 5796-AYG. It describes the program as well as installation, operation, and checkout procedures.
Manual
////5796-AYG

SH20-6135

INTER-REGION ACCESS METHOD - GIRARD BANK, IUP 5796-AYH, DESCRIPTION/OPERATIONS
This manual is intended for those installing and using the Inter-Region Access Method, IUP 5796-AYH. It describes the system as well as installation, operation, and check-out procedures.
Manual
////5796-AYH

SH20-6137

VIRTUAL SPOOLED READER DISPLAY SYSTEM FOR CMS, IUP 5796-AYK, DESCRIPTION/OPERATIONS
This manual is intended for the personnel installing and using the Virtual Spooled Reader Display System for CMS, IUP

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5796-AYK. It describes the system as well as installation, operation, and checkout procedure.
Manual
////5796-AYK

SH20-6138

AUDIT FILE COMPARE UTILITY, IUP 5796-PNF DESCRIPTION/OPERATIONS
This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.
Manual, 8 1/2 x 11 inches, 60 pages, 4/80
////5796-PNF

SH20-6139

JOB DOCUMENTATION AND OPERATIONS SETUP REPORTING SYSTEM IUP 5796-AYT, DESCRIPTION/OPERATION
The Job Documentation and Operations Setup Reporting System helps data processing organizations with the task of documentation and setup for production jobs for the operations department.
Manual
////5796-AYT

SH20-6145

VSAM KSDS FREESPACE MAP, IUP 5796-AYX DESCRIPTION/OPERATIONS
The purpose of the VSAM KSDS Freespace Map is to produce a report showing how Control area freespace has been used in an existing VSAM Key Sequenced Data Set. This information can be used to assist in optimizing performance and optimizing DASD space utilization.
This manual describes the program and contains information required to install and use the program.
Manual
////5796-AYX

SH20-6147

APL DATA INTERFACE-II IUP 5796-PNG, DESCRIPTION/OPERATIONS
This manual is intended for those installing and using the APL Data Interface-II IUP. It describes the system as well as installation, operation, and checkout procedures.
Manual
////5796-PNG

SH20-6162

PASCAL/VS, IUP 5796-PNQ, PROGRAMMERS GUIDE
Pascal/VS is a Pascal compiler operating in MVS and VM/CMS. Originally designed as a high level programming language to teach computer programming by N. Wirth (circa 1968), Pascal has emerged as an influential and well accepted user language in today's data processing environment. Pascal provides the user with the ability to produce very reliable code by performing many error detection checks automatically.
The compiler adheres to the currently proposed ISO standard and includes many important extensions. The language extensions include: separate compilation, dynamic character strings and extended I/O capabilities. The implementation features include: fast compilation, optimization and a symbolic terminal oriented debugger that allows the user to debug a program quickly and efficiently.
Programmers guide
////5796-PNQ

SH20-6168

PASCAL/VS, IUP 5796-PNG LANGUAGE REFERENCE MANUAL
Pascal/VS is a Pascal compiler operating in MVS and VM/CMS. Originally designed as a high level programming language to teach computer programming by N. Wirth (circa 1968), Pascal has emerged as an influential and well accepted user language in today's data processing environment. Pascal provides the user with the ability to produce very reliable code by performing many error detection checks automatically.
The compiler adheres to the currently proposed ISO standard and includes many important extensions. The language extensions include: separate compilation, dynamic character strings and extended I/O capabilities. The implementation features include: fast compilation, optimization and a symbolic terminal oriented debugger that allows the user to debug a program quickly and efficiently.
Reference manual
////5796-PNG

SH20-6174

3800 LINE INSERTER 5796-AZK, DESCRIPTION/OPERATIONS
This manual describes the capabilities of the system and programs. It is intended to provide sufficient information to understand, install and to use the system.
All necessary installation and operating instructions are provided with the manual.
Manual
////5796-AZK

SH20-6175

VS APL SYSTEM EXTENSIONS, IUP 5796-AZI, DESCRIPTION/OPERATIONS
VS APL System Extensions provides the APL programmer with a

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file system for APL data objects, an inter-VM communications facility, an efficient spooled printer interface, and system information.
Manual
////5796-AZT

SH20-9062

VSPC FORTRAN, LIC PROG 5748-FO2, TERMINAL USER'S GUIDE
This publication provides introductory, procedural and reference information necessary to develop programs using VSPC FORTRAN under the VS Personal Computing (VSPC) program product. It is intended for the FORTRAN problem-solver who will write, compile, run, and store his programs while sitting at a VSPC-supported terminal. The publication provides the necessary terminal and VSPC information for the user, and explains the use of the FORTRAN IV language supported by VSPC FORTRAN.

Prerequisite Manual:
IBM System/360 and System/370 FORTRAN IV Language, GC28-6515.

The VSPC FORTRAN Reference Summary, SX26-3711, is a digest of the FORTRAN IV language and the VSPC commands presented in this book.

Manual, 8 1/2 x 11 inches, 154 pgs, 6/77
////5748-F02,5748-F02

SH20-9063

VSPC FORTRAN, LIC PROG 5748-FO2, REFERENCE MATERIAL
This publication describes how to install VSPC FORTRAN and how to perform various system functions, such as defining VSPC FORTRAN users and maintaining public and project libraries. It is intended for installation personnel who have responsibility for these functions. It explains the installation of VSPC FORTRAN under the VSPC program product.
Manual, 8 1/2 x 11 inches, 30 pgs, 6/77
////5748-F02,5748-F02

SH20-9065

VS APL INSTALLATION REFERENCE MATERIAL PROG PROD 5748-API
This publication is for installation managers and system programmers responsible for installing and maintaining the IBM program product VS APL under VM/370 CMS or under the IBM program product OS/VS1 VSPC, OS/VS2 MVS VSPC, or DOS/VS VSPC. It describes how to install VS APL and how to perform various system management functions such as defining VS APL users, creating and maintaining VS APL public and project libraries, and converting APL/360, APLSV, and APL/CMS workspaces to VS APL workspaces.

The reader is assumed to have a knowledge of VS APL and the system or program product under which it runs. Prerequisite publications are VS APL General Information, GH20-9064, and either IBM Virtual Machine Facility/370: Introduction, GC20-1800, or VS Personal Computing (VSPC) for OS/VS and DOS/VS: General Information, GH20-9070.

Manual, 80 pages, 1/76
////5748-API

SH20-9066

VS APL FOR VSPC: TERMINAL USER'S GUIDE PROG PROD 5748-API
Provides how-to and reference information about the VS APL program product when operated under the program product OS/VS1 VSPC, OS/VS2 VSPC, and DOS/VS VSPC. It contains detailed information on the terminals that support the product and the procedures that must be followed in starting a terminal session. This book also describes the system commands presented by VS APL and the auxiliary processors and workspaces distributed with the product.

This book is directed to general users of VS APL. It assumes a familiarity with the APL language but assumes no experience with VSPC. Prerequisite Manual: APL Language, GC26-3847.

The VS APL Reference Summary, SX26-3712, is a digest of the language elements, system commands, and system variables.

Manual, 8 1/2 x 11 inches, 160 pgs, 11/76
////5748-API

SH20-9067

VS APL FOR CMS: TERMINAL USER'S GUIDE PROG PROD 5748-API
Provides how-to and reference information about the IBM program product VS APL when operated under control of the Conversational Monitor System (CMS) of the Virtual Machine Facility/370 (VM/370). It contains detailed information on the terminals that support the product and the procedures that must be followed in starting a terminal session. This book also describes the system commands presented by VS APL and the auxiliary processors and workspaces distributed with the product.

This book is directed to general users of VS APL. It assumes a familiarity with the APL language but assumes no experience with the Conversational Monitor System.

Manual, 8 1/2 x 11 inches, 140 pgs, 11/76
////5748-API

SH20-9068

VS APL FOR CMS AND TSO: WRITING AUXILIARY PROCESSORS, LIC PROG 5748-API

This publication is for system and application programmers who plan to write auxiliary processors to be used with VS APL for VM/370 CMS and OS/VS2 TSO. It presents auxiliary-processor concepts and explains how to design, write, and

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implement auxiliary processors.

The reader is assumed to have knowledge of assembler language. Prerequisite publications are APL Language, GC26-3847 and OS/VS-EOS/VS-VM/370 Assembler Language, GC33-4010.

Flyer, 8 1/2 x 11 inches, 52 pgs, 1/76
////5748-API

GH20-9086

VS APL PROGRAM PRODUCT SPECIFICATIONS
PROGRAM NUMBER 5748-API

VS APL, LIC PROG 5748-API, SPECIFICATIONS (CURRENT RELEASE)
Flyer
////5748-API

GH20-9101

VSPC FORTRAN, LIC PROG 5748-FO2, SPECIFICATIONS
This Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.
Flyer, 2 pages, 4/76
////5748-F02,5748-F02

SH20-9146

IMS/VS VERSION 1, LIC FROG 5740-XX2, PRIMER MASTER TERMINAL OPERATOR'S GUIDE: BTAM

This publication is a guide for the master terminal operator to operate the online Information Management System/Virtual Storage (IMS/VS) as described in the IMS/VS Primer (SH20-9145) that uses the Basic Telecommunications Access Method (BTAM). Included is an introduction to IMS/VS, information on how to operate the master terminal, and a glossary of frequently used terms. Also included are descriptions of:

- The flowcharts, forms, and tables that are used with detailed IMS/VS operating instructions.
- The format and function of the IMS/VS subset commands.
- The configuration of the online IMS/VS system.

This guide should be used together with the IMS/VS Primer which describes a subset of IMS/VS. In addition, the IMS/VS Messages and Codes Reference Manual (SH20-9030) and the IMS/VS Primer Remote Terminal Operator's Guide (SH20-9148) should be used.

Manual, 8 1/2 x 11 inches, 120 pages, 9/78
////5740-XX2

SH20-9147

IMS/VS VERSION 1, LIC FROG 5740-XX2, PRIMER MASTER TERMINAL OPERATOR'S GUIDE: VTAM

This publication is a guide for the master terminal operator to operate the online Information Management System/Virtual Storage (IMS/VS) as described in the IMS/VS Primer (SH20-9145) that uses the Virtual Telecommunications Access Method (VTAM), information on how to operate the master terminal, and a glossary of frequently used terms. Also included are descriptions of:

- The flowcharts, forms, and tables that are used with detailed IMS/VS operating instructions.
- The format and function of the IMS/VS and VTAM subset commands.
- The configuration of the online IMS/VS system.

This guide should be used together with the IMS/VS Primer, which describes a subset of IMS/VS. In addition, the IMS/VS Messages and Codes Reference Manual (SH20-9030) and the IMS/VS Primer Remote Terminal Operator's Guide (SH20-9148) should be used.

Manual, 8 1/2 x 11 inches, 124 pages, 9/78
////5740-XX2

SH20-9148

IMS/VS VERSION 1, LIC FROG 5740-XX2, PRIMER REMOTE TERMINAL OPERATOR'S GUIDE

This publication is a guide for the remote terminal operator and the master terminal operator to operate a terminal connected to the online Information Management System/Virtual Storage (IMS/VS) system. Included is an introduction to IMS/VS and descriptions of some system concepts and terms. Also included are descriptions of the basic hardware operating procedures for terminals connected to IMS/VS; the interface to IMS/VS; IMS/VS commands; recovery and operating procedures.

In addition to this guide, refer to the Operator's Guide for the IBM 3270 Information Display System (GA27-2742) and the IBM 3270 Problem Determination Guide (GA27-2750) for information about the IBM 3270 Information Display System (IDS).

Manual, 8 1/2 x 11 inches, 48 pages, 9/78
////5740-XX2

SH20-9149

IMS/VS VERSION 1, LIC FROG 5740-XX1, PRIMER SAMPLE LISTINGS

This publication is a companion to the IMS/VS Primer (SH20-9145) and the IMS/VS Primer Master Terminal Operator's Guide (SH20-9146 for BTAM and SH20-9147 for VTAM). It contains detailed documentation of the sample IMS/VS application system used throughout the manuals referenced above. Individual chapters contain:

- The source listings of all the programs used in the sample application system; listing of Data Base Descriptions (DBD), Program Communication Blocks (PCB), and message formats used in the sample; a listing of the sample data to be loaded into the sample data bases.

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- The lists of all the JCL, utility control and macro statements used to generate IMS/VS, install the sample application and exercised the sample application.
 - The output from selected jobs of the sample application. Additionally, directions on how to obtain the machine readable version of the sample job and source statements is included.
- Manual, 8 1/2 x 11 inches, 500 pages, 9/78
 ////5740-XX2

SH20-9167

VS APL FOR CICS/VS, LIC PROG 5748-API, TERMINAL USER'S GUIDE
 Provides how-to and reference information about the VS APL program product when operated under the program product OS/VS1 CICS/VS, OS/VS2 CICS/VS, and DOS/VS CICS/VS. It contains detailed information on the terminals that support the product and the procedures that must be followed in starting a terminal session. This book also describes the system commands presented by VS APL and the auxiliary processors and workspaces distributed with the product.

This book is directed to general users of Vs APL. It assumes a familiarity with the APL language but assumes no experience with CICS/VS. Prerequisite manual: APL Language, GC26-3847.
 Manual, 8 1/2 x 11 inches, 150 pages, 7/78
 ////5748-API

SH20-9168

VS APL FOR CICS/VS: WRITING AUXILIARY PROCESSORS, LIC PROG 5748-API

This manual tells how to design and write auxiliary processors to be used with VS APL running under CICS/VS (which in turn runs on S/370 under either OS/VS1, OS/VS2 MVS, or DOS/VS). The reader is assumed to know Assembler Language and to be acquainted with CICS/VS facilities.
 Manual, 8 1/2 x 11 inches, 51 pages, 8/78
 ////5748-API

SH20-9173

DB/DC DATA DICTIONARY, LIC PROG 5746-XXC, APPLICATIONS GUIDE (CURRENT RELEASE)

This book is a guide for data base administrators, application designers, application programmers, and others who use the DB/DC Data Dictionary. It is intended to show new users how the Dictionary works and to serve as a reference for experienced users.

Manual, 8 1/2 x 11 inches, 250 pages, 7/79
 ////5740-XXF,5746-XXC

SH20-9174

DB/DC DATA DICTIONARY, LIC PROG 5740-XXC ADMINISTRATION & CUSTOMIZATION GUIDE (CURRENT RELEASE)

This publication is addressed to data base administrators, and other administrative personnel who are responsible for establishing the DB/DC Data Dictionary at an installation. The book is also for system programmers who code user programs and validation routines in response to specifications defined by end users, system analysis personnel, or data base administrators.

This manual is a guide to the administration of the Dictionary, and is used for installation planning. This book is also a reference manual for Dictionary extensions to describe data resources not formally supported by the Dictionary standards categories, and to describe how user programs can be coded to access Dictionary data.

The prerequisite manual is the DB/DC Data Dictionary Terminal User's Guide and Command Reference, SH20-90083.
 Manual, 8 1/2 x 11 inches, 250 pages, 7/79
 ////5740-XXF,5746-XXC

SH20-9178

IMS/VS VERSION 1, LIC PROG 5740-XX2, SYSTEM ADMINISTRATION GUIDE (CURRENT RELEASE)

This publication is for administrators of IMS/VS systems and others responsible for establishing a Data Base/Data Communication system. It is also for system programmers who monitor the performance of the IMS/VS system, code IMS/VS execution JCL, and prepare IMS/VS system definition macros. It covers the control, protection and monitoring of online IMS/VS resources and presents guidelines for providing end-user services. (The major treatment of DL/I data base structure and design and implementation is contained in IMS/VS Version 1 Data Base Administration Guide, SH20-9025.)

Manual, 8 1/2 x 11 inches, 448 pages, 8/80
 ////5740-XX2

SH20-9180

VS APL FOR TSO, LIC PROG 5748-API, TERMINAL USER'S GUIDE

Provides how-to and reference information about the IBM program product VS APL when operated under control of TSO (Time Sharing Option) of OS/VS2 MVS 3.8 or later. It contains detailed information on the terminals that support the product and the procedures that must be followed in starting a terminal session. Detailed information is provided to describe the MVS data access facilities available to the APL programmer on TSO.

This publication is directed to general users of VS APL. Introductory information on TSO is provided for the new users.

Prerequisite manuals: APL Language, GC26-3847; OS/VS2 TSO Terminal User's Guide, GC28-0645; and OS/VS2 TSO Command

Language Reference, GC28-0646.
 Manual, 8 1/2 x 11 inches, 250 pages, 3/81
 ////5748-API

SH20-9182

VS APL FOR CMS, LIC PROG 5748-API, INSTALLATION REFERENCE MATERIAL

This book contains information for programming support representatives and system programmers who maintain VS APL. When used with VS APL source-program listings, it enables them to understand the internal operation of VS APL and to modify or maintain the system.

Prerequisite publications are listed in the Preface.
 Manual, 8 1/2 x 11 inches, 60 pages, 2/81
 ////5748-API

SH20-9183

VS APL FOR TSO, LIC PROG 5748-API, INSTALLATION REFERENCE MATERIAL

The book is intended for those who need to know how to: install VS APL under TSO; write exit routines for VS APL users; customize session manager commands and messages; modify a session manager's profile; specify VS APL options; convert APL SV and AFL/360 workspaces for use under VS APL; add auxiliary processors; create and maintain VS APL private, project, and public libraries; and transport VS APL workspaces and data files into and out of TSO.

Readers should have knowledge of VS APL and of Time Sharing Option (TSO), which runs under OS/VS2 MVS.
 Manual, 8 1/2 x 11 inches, 60 pages, 2/81
 ////5748-API

SH20-9189

OS/VS DB/DC DATA DICTIONARY, LIC PROG 5740-XXF, TERMINAL USER'S GUIDE AND COMMAND REFERENCE

This book is a guide for terminal operators, librarians, and others who use, or direct others to use, the Dictionary. It is intended as a guide to using the Dictionary online and preparing batch input streams and as a reference for all Dictionary commands, batch forms, and display forms. It is also intended as a companion volume to OS/VS DE/DC Data Dictionary Applications guide, SH20-9190.

Manual, 8 1/2 x 11 inches, 500 pages, 8/80
 ////5740-XXF

SH20-9190

OS/VS DB/DC DATA DICTIONARY LIC PROG 5740-XXF, APPLICATIONS GUIDE

This book is a guide for data base administrators, application designers, application programmers, and other users of the Dictionary. It is intended to show new users how the Dictionary works and to serve as a reference for experienced users. When using Dictionary functions, one should refer to OS/VS Data Dictionary Terminal User's Guide and Command Reference, SH20-9189.

Manual, 8 1/2 x 11 inches, 300 pages, 8/80
 ////5740-XXF

SH20-9191

OS/VS DB/DC DATA DICTIONARY, LIC PROG 5740-XXF INSTALLATION GUIDE

This manual is a guide to installing the DE/DC Data Dictionary in an OS environment. The OS/VS Data Dictionary DB/DC Program Directory is also needed, as is the OS/VS System Modification Program (SMP) System Programmer's Guide, GC28-0673. Sample job control statements are included.

A prerequisite publication is the DE/DC Data Dictionary General Information Manual, GH20-9104, which explains Release 4.0 functions and programming and hardware requirements.
 Manual, 8 1/2 x 11 inches, 150 pages, 8/80
 ////5740-XXF

GH20-9192

VS PERSONAL COMPUTING (VSPEC) VERSION 2 FOR OS/VS2 MVS, LIC PROG 5665-283, GENERAL INFORMATION

The purpose of this book is to enable managers, system programmers and other interested persons to evaluate VSPEC for use in their organization and to plan for installing and operating OS/VS2 MVS VSPEC Version 2.

Manual, 8 1/2 x 11 inches, 75 pages, 10/80
 ////5665-283

SH20-9199

VS APL GRAPHPAK, LIC PROG 5748-API, USER'S GUIDE

This manual describes the APL workspace GRAPHPAK and is intended for APL application programmers who wish to add graphics to an application. Many examples are supplied which the prospective user may wish to try in order to become familiar with the capabilities of GRAPHPAK.

Manual, 8 1/2 x 11 inches, 176 pages, 3/81
 ////5748-API

SH24-5007

DL/I DOS/VS IMF, LIC PROG 5746-XX1, USER'S GUIDE

This manual contains introductory and procedural information about the Interactive Macro Facility (IMF) in DL/I DOS/VS IMF offers easy-to-use interactive procedures that let you create, modify, and delete DL/I control blocks at a

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terminal. This manual describes how to create a Data Base Description (DBD), a Program Specification Block (PSB), and an Application Control Table (ACT). It also describes how to migrate ELIAS defined DBD and PSB definition tables to IMF format.
Manual, 8 1/2 x 11 inches, 100 pages, 12/79
////5746-XX1

SH24-5009

DL/I DOS/VS LIC PROG 5746-XX1 HIGH LEVEL INTERACTIVE GUIDE (CURRENT RELEASE)
This book provides application programmers with the information needed to create data base application programs using DL/I and the DL/I High Level Programming Interface (HLPI), in conjunction with either the COBOL or the PL/I optimizer language. It takes the place of the DL/I DOS/VS Application Programming Reference Manual for those applications using DL/I HLPI.

There are four major sections in this book. The first gives an overview of data bases, DL/I, and DL/I HLPI. The second describes DL/I HLPI syntax in detail. The third describes the use of DL/I HLPI in creating an application program. The last gives reference information for each HLPI command.

Manual, 8 1/2 x 11 inches, 104 pages, 5/80
////5746-XX1

SH24-5010

DL/I DOS/VS LIC PROG 5746-XX1 HIGH LEVEL INTERACTIVE ICR GUIDE (CURRENT RELEASE)

This publication documents all information pertaining to the DL/I DOS/VS Version 1.5 High Level Programming Interface Independent Component Release (ICR), other than that applying directly to application programming. The information in this book is directed to those involved in the data base administration and system programming functions.

Prerequisite publication: DL/I DOS/VS General Information, GH20-1246.
Manual, 8 1/2 x 11 inches, 30 pages, 3/80
////5746-XX1

GH24-5012

SQL/DATA SYSTEM, LIC PROG 5748-XXJ, GENERAL INFORMATION

This manual provides a general overview of SQL/Data System (SQL/DS) and describes how SQL/DS can be used. It covers:

- General description of the functions provided by SQL/DS
- Relationships of SQL/DS to other IBM products, including those which SQL/DS requires
- Overview of planning for SQL/DS
- Documentation provided for SQL/DS

This manual is intended for those persons who will evaluate the applicability of this program product to their business.
Manual, 8 1/2 x 11 inches, 12/80
////5748-XXJ

GH24-5013

SQL/DATA SYSTEM, LIC PROG 5748-XXJ, CONCEPTS AND FACILITIES
This manual provides a summary of the concepts on which the Structured Query Language/Data System (SQL/DS) is based and the facilities which it offers. This manual describes SQL/DS at a more detailed level than does SQL/Data System General Information, GH24-5012.

This manual is mainly for persons who evaluate the applicability of SQL/DS for their business. They may be involved in administration, application design, application programming, or system programming. This manual can also be used by SQL/DS users and operators who want a more detailed look at SQL/DS.

Manual, 8 1/2 x 11 inches, 80 pages, 12/80
////5748-XXJ

GH35-0010

IMS/VS DATA BASE RECOVERY CONTROL FEATURE GENERAL INFORMATION

This book describes the IMS/VS Data Base Recovery control feature, which is a priced feature of IMS/VS Release 1.1.4 for S/370 under OS/VS1 or OS/VS2.

The IMS/VS Data Base Recovery Control feature controls the recovery of IMS/VS DL/I data-base data sets. The feature is composed of new data sets, new utilities, and changes to existing programs in IMS/VS that are related to the recovery of data base data sets.

This book is intended to be used as promotional literature to be given to prospective customers by DPD marketing personnel.
Manual, 8 1/2 x 11 inches
////5740-XX2

SH35-0027

IMS/VS DATA BASE RECOVERY CONTROL FEATURE, LIC PROG 5740-XX2, REFERENCE INFORMATION

This book is the user's reference manual for the Data Base Recovery Control Feature. It contains information about how to use the feature; a detailed description of the commands of the Recovery Control utility; and a description of the error messages that are generated by the feature.

Manual, 8 1/2 x 11 inches
////5740-XX2

SH35-0035

OS/VS MASS STORAGE SYSTEM EXTENSIONS SERVICES GUIDE LIC PROG 5740-XYG

This publication describes the mass storage volume control functions, the mass storage volume control inventory data set, the mass storage volume control journal data set, and the Access Method Services commands for the Mass Storage System. This publication explains how all these things are used by the space manager responsible for managing the space on the data cartridges in the Mass Storage Facility. Readers of this publication should have a background in programming, especially in the use of the Access Method Services commands. The information in this publication is directed toward space managers and system programmers.
Manual, 8 1/2 x 11 inches
////5740-XYG

SH35-0036

OS/VS MASS STORAGE SYSTEM EXTENSIONS SERVICES: REFERENCE, LIC PROG 5740-XYG

This publication provides syntax explanation of the Access Method Services (AMS) commands for the Mass Storage System Extensions.

Readers of this publication should have a background in programming, especially in the use of the Access Method Services Commands. The information in this publication is directed toward space managers and system programmers.
Manual, 8 1/2 x 11 inches, 420 pages, 1/79
////5740-XYG

SH35-0040

OS/VS MASS STORAGE SYSTEM EXTENSIONS, LIC PROG 5740-XYG, OPERATION

This publication explains the various procedures the operator must follow to operate the Mass Storage System successfully. It describes the operator panels and their use and describes the operator commands related to the Mass Storage System. The information in this publication is directed toward system operators.

Manual, 8 1/2 x 11 inches, 50 pages, 3/79
////5740-XYG

SH35-0041

OS/VS MASS STORAGE SYSTEM EXTENSIONS, LIC PROG 5740-XYG, MESSAGES

This publication lists the Mass Storage System Messages, which are identified by an ICB, ICG, or ISDA prefix, and the reason codes returned from the Mass Storage System Communicator program. This publication also contains new Access Method Services Messages for the Mass Storage System with an IDC prefix, as well as new or changed system messages with an IDC, IEA, or IEF prefix. Recovery procedures for hardware units marked as unusable are included in Part 2. The information in this publication is directed toward IBM customer engineers, IBM program support representatives, and system programmers.

Manual, 8 1/2 x 11 inches, 220 pages, 3/79
////5740-XYG

GH35-0043

MASS STORAGE SYSTEM EXTENSIONS, LIC PROG 5740-XYG, SPECIFICATIONS

Specifications provide information on the warranted functions of the licensed program.

The Mass Storage System Extensions licensed program provides the capability to increase the application usage of the Mass Storage System and to reduce the systems resources expended by users of the Mass Storage System. The licensed program introduces additional space-management, data-management, and problem-determination support.

Flyer, 8 1/2 x 11 inches, 1 page, 3/79
////5740-XYG

GH35-0044

IMS/VS DATA BASE RECOVERY CONTROL FEATURE, LIC PROG 5740-XX2, SPECIFICATIONS

Specifications provide information on the warranted functions of the licensed program.

Flyer, 8 1/2 x 11 inches, 1 page, 12/78
////5740-XX2

SH35-0045

OS/VS2 MVS HIERARCHICAL STORAGE MANAGER, LIC PROG 5740-XRE, DIAGNOSIS GUIDE

This publication gives information that helps you diagnose failures in the Hierarchical Storage Manager and communicate them to an IBM program support representative.

Manual, 8 1/2 x 11 inches, 2/81
////5740-XRB

LJA0-0304

NETWORK PROBLEM DETERMINATION APPLICATION NPDA/MVS, LISTINGS

This microfiche contains listings of the program shown in the title.

Microfiche, reduced 45x, 1 card, 7/79
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- LJAO-0305
VM/INTERACTIVE PROBLEM CONTROL SYSTEM EXTENSION (VM/IPCS)
LIC PROG 5748-SAI, MICROFICHE LISTINGS
Microfiche for the above program.
Microfiche reduced 45x, 7 cards, 5/79
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- LJAO-0306
NETWORK PROBLEM DETERMINATION APPLICATION (VSE/NPDA)
LIC PROG 5735-XX8, LISTINGS
Microfiche for the subject of title.
Microfiche, 68 cards, 3/80
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NETWORK PROBLEM DETERMINATION APPLICATION (NPDA), LISTINGS
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NETWORK PROBLEM DETERMINATION APPLICATION (NPDA) VS1
UNIQUE, LIC PROG 5735-XX8, LISTINGS
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NPDA OS/VS1 OS/VS2 COMMON
Microfiche listings for the item indicated in the title.
Microfiche, 80 cards, 7/80
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- LJAO-0310
NPDA/VS1 UNIQUE
Contains microfiche listings for the program indicated in the title.
Microfiche
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- LJAO-0311
NPDA/MVS UNIQUE
No abstract available.
Microfiche
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- LJAO-0312
VSE/NPDA RELEASE 2
Microfiche listings for VSE/NPDA Release 2.
Microfiche, reduced 45x, 69 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJAO-0313
3600 THRESHOLD ANALYSIS AND REMOTE ACCESS FEATURE (TARA) MVS
VS1/TARA 5735-XX8, LISTINGS
Microfiche program listings for MVS, VS1/TARA.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJAO-0315
VSE/IPCS LIC PROG 5746-SAI LISTINGS
Listings for the program named in the title.
Microfiche, reduced 45x, 10 cards, 8/80
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- LJAO-0326
INFORMATION/SYSTEMS 5735-OZS RELEASE 2.0, LISTINGS
These are microfiche listings of the program mentioned in the title.
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- LJAO-0330
INFORMATION/MANAGEMENT 5735-OZS REL 1.0 LISTINGS
Listings of program shown in title.
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- LJBI-0402
ACF/VTAM FOR DOS/VS, PROG PROD 5746-RC3,
COMPONENT 5745-SC-VTM-G03, ASSEMBLY LISTING MICROFICHE
This document contains microfiche of assembly listings of ACF/VTAM for use by FE Service personnel for correction of design errors.
Microfiche, 3 1/4 x 7 3/8 inches, 138 cards, 12/77
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- LJBI-0403
ACF/VTAM MULTISYSTEM NETWORKING FEATURE (MSNF) PROG PROD
5746-RC3, COMPONENT 5745-SC-VTM-G04 ASSEMBLY LISTING FICHE
This document contains microfiche of assembly listings of ACF/VTAM Multisystem Networking Feature for use by FE
- Service Personnel for the correction of program design errors.
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VTAM SCP MODULES FOR USE WITH ACF/VTAM, PROG PROD 5747-CF1
COMPONENT 5745-SC-VTM-721
This document contains microfiche of the assembly listings for the VTAM SCP (which is used with ACF/VTAM). It is used by FE Service personnel for correction of design errors.
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- LJBI-0405
NOSP FOR DOS/VS: NETWORK OPERATION SUPPORT, PROG PROD
5735-XX2, ASSEMBLY LISTING MICROFICHE
This document contains microfiche of the assembly listings for NOSP. It is used by FE Service Personnel for correction of design errors.
Microfiche, 3.25 x 7.375 inches, 18 cards, 9/77
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- LJBI-0408
ADVANCED COMMUNICATION FUNCTION FOR VIRTUAL
TELECOMMUNICATIONS ACCESS METHOD MSNF, LIC PROG 5746-RC3
LISTINGS (CURRENT RELEASE)
This document contains microfiche of the assembly listings for ACF/VTAM PP. It is used by FE service personnel for correction of design errors.
Microfiche, reduced 45x, 6 cards, 5/79
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ADVANCED COMMUNICATION FUNCTION FOR VIRTUAL
TELECOMMUNICATIONS ACCESS METHOD, LIC PROG 5746-RC3,
MICROFICHE LISTINGS
This document contains microfiche of the assembly listings for ACF/VTAM MSNF feature. It is used by FE Service Personnel for correction of design errors.
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- SJBI-0410
VIRTUAL TELECOMMUNICATIONS ACCESS METHOD SYSTEM CONTROL
PROGRAMMING, 5747-CF1, MICROFICHE LISTINGS
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Microfiche, 3.25 x 7.375 reduced 45x, 5/79
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- LJBI-0413
NETWORK COMMUNICATIONS CONTROL FACILITY PROGRAM ID 5735-XX6
LPS GC27-0428 COMP ID 5745-XX600-G06
These are microfiche listings of the program mentioned in the title.
Microfiche, reduced 45x
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJBI-0414
VTAM COMMUNICATION NETWORK APPLICATION PROGRAM ID 5735-RC5
LPS GC27-0503 COMP ID 5745-SCRSA, LISTINGS
Listings for the program referenced in the title.
Microfiche, 3.25 x 7.375
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- LJBI-0415
ACF/VTAM RELEASE 3 BASE, LIC PROG 5746-RC3, LPS GC27-0460
PIN G42, LISTINGS
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- LJBI-0417
OS/VS1 NETWORK OPERATIONS SUPPORT PROGRAM 5735-XX2
MICROFICHE LISTINGS
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Microfiche reduced 45x, 16 cards, 12/78
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- LJBI-0418
OS/VS1 VIRTUAL TELECOMMUNICATIONS (SNA3) 5735-RC2
MICROFICHE LISTINGS
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Microfiche reduced 45x, 149 cards
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- LJBI-0419
OS/VS1 VIRTUAL TELECOMMUNICATION (SNA3) 5735-RC2 LISTINGS
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Microfiche reduced 45x, 14 cards, 3/78
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LJB1

LJB1

- LJB1-0421
OS/VS1 VIRTUAL COMMUNICATION (SNA3)
5735-RC2 MICROFICHE LISTINGS
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 OS/VS1.
 Microfiche reduced 45x, 3 cards
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- LJB1-0422
ACF/VTAM PP FOR AS1 6.7, 7.0 5735-RC2 LISTINGS
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 correction of design errors.
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- LJB1-0423
ACF/VTAM NETWORKING FOR AS1 6.7, 7.0 LISTINGS
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 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- SJB1-0424
ACF/VTAM SCP FOR AS1 6.7, 7.0, LISTINGS
 This document contains microfiche of the Assembly listings
 for NCCF. It is used by FE Service Personnel for collection
 of design errors.
 Microfiche, reduced 45x, 7 cards, 11/79
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- LJB1-0425
ACF/VTAM ENCRYPT/DECRYPT FOR AS 1 6.7 7.0 5735-RC2,
LISTINGS
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- LJB1-0426
NETWORK COMMUNICATIONS CONTROL FACILITY PROGRAM ID NUMBER
5735-XX6 LPS GC27-0428 COMP ED NUMBER 5741-22600-HCS1101
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 Microfiche, reduced 45x, 17 cards, 8/79
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- LJB1-0427
NETWORK COMMUNICATIONS CONTROL FACILITY PROGRAM ID
5735-XX6 LPS GC27-0428 COMP ID 5741-XX600-HCS1301
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- LJB1-0429
VTAM COMMUNICATION NETWORK APPLICATION LIC PROG 5735-RC5
LPS GC27-0503 COMP ID 5741-VA123
 Microfiche for the program described in the title.
 Microfiche, reduced 45x
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- LJB1-0431
NETWORK OPERATION SUPPORT PROGRAM (NOSP) PROG 5735-XX2
LISTINGS FOR OS/VS2 MVS COMPONENT 5735-XX200-E74
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 for NOSP. It is used by FE Service Personnel for correction
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- LJB1-0432
ACF/VTAM FOR SVS, PROG 5735-RC2 COMPONENT 5742-SC1-23-E02
 This document contains assembly listings for ACF/VTAM for
 use by FE Service Personnel for the correction of program
 design errors.
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- LJB1-0433
ACF/VTAM MULTISYSTEM NETWORKING FOR SVS, PROG 5735-RC2
COMPONENT ID 5742-SC1-23-FO3
 This document contains assembly listings for the ACF/VTAM
 Multisystem Networking Feature for use by FE Service
 Personnel for correction of program design errors.
 Microfiche reduced 45x, 4 cards, 6/78
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- LJB1-0435
ADVANCED COMMUNICATIONS FUNCTION FOR VIRTUAL
TELECOMMUNICATIONS ACCESS METHOD BASE PP PROGRAM NUMBER
5735-RC2, LPS GC27-0460 COMP ID 5735-SC123-H70
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 for ACF/VTAM PP. It is used by FE Service Personnel for
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- LJB1-0436
ADVANCED COMMUNICATIONS FUNCTION FOR VIRTUAL
TELECOMMUNICATIONS ACCESS (MSNF) PROGRAM NUMBER 5735-RC2,
LPS GC27-0461 COMP ID NUMBER 5752-SC123-H71
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 for ACF/VTAM MSNF PP. It is used by FE service perscnel
 for correction of design errors.
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- SJB1-0437
ADVANCED COMMUNICATIONS FUNCTION FOR VIRTUAL
TELECOMMUNICATIONS ACCESS METHOD SCP PROGRAM NUMBER
5752-VS2, LPS GC27-0459 COMP ID NUMBER 5742-SC123-869
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 for ACF/VTAM SCP. It is used by FE service personnel for
 correction of design errors.
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- LJB1-0438
ADVANCED COMMUNICATION FUNCTION FOR VIRTUAL
TELECOMMUNICATION ACCESS METHOD (ENCRYPT/DECRYPT) PROGRAM
5735-RC2, LPS GC27-0458 COMP ID 5752-SC123-H93
 This document contains microfiche of the Assembly Listings
 for ACF/VTAM Encrypt/Decrypt PP. It is used by FE service
 personnel for correction of design errors.
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 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJB1-0439
NETWORK COMMUNICATIONS CONTROL FACILITY, (NCCF) PROGRAM
5752-XX6 LPS - GC27-0428 COMPID 5752-XX600, LISTINGS
 This document contains microfiche of the assembly listings
 for NCCF. It is used by FE Service Personnel for correction
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- LJB1-0440
NETWORK COMMUNICATIONS CONTROL FACILITY PROGRAM ID
5735-XX6 LPS GC27-0428 COMP ID 5752-XX600-HES1302, LISTINGS
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 for NCCF. It is used by FE Service Personnel for correction
 of design errors.
 Microfiche, reduced 45x, 24 cards, 12/79
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- LJB1-0442
NETWORK COMMUNICATION CONTROL FACILITY PROGRAM ID 5735-XX6
LPS GC27-0428 COMP ID 5741-XX600-HCS1502, LISTINGS
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 for NCCF. It is used by FE service perscnel for correction
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- LJB1-0443
ACF/VTAM RELEASE 3 BASE PROGRAM ID 5735-RC2 LPS GC27-0460
FMID JVT 1312, LISTINGS
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 for ACF/VTAM Release 3 Base. It is used by FE service
 personnel for correction of design errors.
 Microfiche, reduced 45x
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LJB1-0444
ACF/VTAM RELEASE 3 NETWORKING PROGRAM ID 5735-RC2 LPS
GC27-0460 FMID JVT 1322, LISTINGS
 This document contains microfiche of the assembly listings
 for ACF/VTAM Release 3 Networking. It is used by FE service
 personnel for correction of design errors.
 Microfiche, reduced 45x
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- LJB1-0445
ACF/VTAM RELEASE 3 CRYPTO PROGRAM ID 5735-RC2 LPS GC27-0460
FMID JVT 1332, LISTINGS
 This document contains microfiche of the assembly listings
 for ACF/VTAM Release 3 CRYPTO. It is used by FE service
 personnel for correction of design errors.
 Microfiche, reduced 45x
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- LJB1-0450
NETWORK TERMINAL OPTION PROGRAM ID 5735-XX7 LPS GC38-0299
COMP ID 5735-XX700-HMT1200, LISTINGS
 This document contains microfiche of the assembled listings
 for NTO. It is used by FE service perscnel for debugging
 and correction of design errors.
 Microfiche, 18 cards, 1/81

SJB6

SJD2

SJB6-6018
OS/VS1 3800 ENHANCEMENTS UTILITIES 5652-VS1 RELEASE 7.0, LISTINGS
 Microfiche Listings of FMD=PUT 1131 Program Number 5652-VS1
 OS/VS1 3800 Enhancements.
 Microfiche, reduced 45x, 4 cards, 1/80
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SJB6-6019
DOS/VSE DEVICE SUPPORT FACILITIES, 5745-030 DOSXE83 LISTINGS
 Microfiche for item mentioned in title.
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LJB6-6101
VS APL, LIC PROG 5748-AP1, FOR OS/VS ENVIRONMENT LISTINGS
 Listings for the program indicated in the title.
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LJB6-6102
VS APL, LIC PROG 5748-AP1, FOR VM/CMS ENVIRONMENT LISTINGS
 Listings for the program indicated in the title.
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LJB6-6103
VS APL, LIC PROG 5748-AP1, FOR DOS ENVIRONMENT LISTINGS
 Listings for the program indicated in the title.
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LJD2-2172
OS/VS1 TELECOMMUNICATIONS ACCESS METHOD VERSION 1 5735-RC1 MICROFICHE LISTINGS
 Microfiche for all purchasers of this product to VS1 6.7.
 OS/VS1.
 Microfiche reduced 45x, 89 cards
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LJD2-2173
OS/VS1 TELECOMMUNICATIONS ACCESS METHOD VERSION 1 5735-RC1 MICROFICHE LISTINGS
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SJD2-2174
OS/VS1 VIRTUAL TELECOMMUNICATIONS (SNA3) 5735-RC2 MICROFICHE LISTINGS
 Microfiche for all user os VS1 6.7.
 Microfiche reduced 45x, 33 cards
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SJD2-2177
OS/VS1 DATA MANAGEMENT SERVICE, SUID 5741-638, MICROFICHE LISTINGS
 Microfiche for all users of selectable unit 638 to OS/VS1.
 Microfiche reduced 45x, 9/78
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SJD2-2184
ASSEMBLER LISTINGS
 Microfiche for all users of VS1 7.0.
 Microfiche, reduced 45x, 7 cards
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SJD2-2194
BASE SYSTEM CONTROL PROGRAM (SCHED/SUP/IOS), LISTINGS
 Microfiche for all users of VS1 7.0.
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VS1/OS GENERAL INDEX REL 067/070 TAPE 8103
 Contains the following PTFs:
 UR00837 UR00872 UR00906 UR01050 UR01117
 UR00838 UR00878 UR00907 UR01099 UR01127
 UR00843 UR00882 UR00908 UR01116 UR01128
 UR00844
 Microfiche
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LJD2-2196
INFORMATION DISTRIBUTION WORKSTATION SUPPORT, LIC PROG 5740-XYE, LISTINGS
 Microfiche for all licensees of 5740-XYE.
 Microfiche, reduced 45x, 1 card, 7/79
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SJD2-2197
BASIC TELECOMMUNICATIONS ACCESS METHOD LISTINGS
 Microfiche for all users of VS1 7.0.
 Microfiche, reduced 45x, 7 cards

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LJD2-2198
PROGRAMMED CRYPTOGRAPHIC FACILITY, LIC FROG 5740-XY5 LISTINGS
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SJD2-2199
DISPLAY EXCEPTION MONITORING FACILITY (DEMF) LISTINGS
 Microfiche for all users of VS1 7.0.
 Microfiche, reduced 45x, 2 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2200
DATA MANAGEMENT, LISTINGS
 Microfiche for all users of VS1 7.0.
 Microfiche, reduced 45x, 211 cards
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LJD2-2201
AMS CRYPTO, LIC PROG 5740-AM8, LISTINGS
 Microfiche for all purchasers of this product to VS1 Release 7.0.
 Microfiche, reduced 45x, 4 cards
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SJD2-2202
DATA MANAGEMENT SUPPORT LISTINGS
 Listings for the program indicated in the title.
 Microfiche, reduced 45x, 26 cards, 3/79
 SLSS - ORDER NO. SUBSCRIPTION ONLY

LJD2-2203
DASDR PROGRAM PRODUCT, LIC PROG 5740-UT1, LISTINGS
 Microfiche for all purchasers of this product to VS1 Release 7.0.
 Microfiche, reduced 45x, 5 cards
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SJD2-2204
ENVIRONMENT RECORDING, EDITING AND PRINT PROGRAM, LIC FROG 5740-ERI, LISTINGS
 Microfiche for all users of VS1 7.0.
 Microfiche, reduced 45x, 43 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2205
GRAPHICS ACCESS METHOD/GRAPHICS PROGRAM SERVICE LISTINGS
 Microfiche for all users of VS1 7.0.
 Microfiche, reduced 45x, 3 cards
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SJD2-2206
OS/VS1 GRAPHICS SUBROUTINE PACKAGE, LISTINGS
 Microfiche for all users of VS1 7.0.
 Microfiche, reduced 45x, 5 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2207
MICR/OCR LISTINGS
 Microfiche for all users of VS1 7.0.
 Microfiche, reduced 45x, 12 cards
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SJD2-2208
MASS STORAGE SYSTEM (MSS), LISTINGS
 Microfiche for all users of VS1 7.0.
 Microfiche, reduced 45x, 82 cards
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LJD2-2209
NETWORK OPERATIONS SUPPORT PROGRAM, LIC PROG 5735-XX2, LISTINGS
 Microfiche for all purchasers of this product to VS1 7.0.
 Microfiche, reduced 45x, 16 cards
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SJD2-2210
PROGRAM MANAGEMENT LISTINGS
 Microfiche for all users of VS1 7.0
 Microfiche, reduced 45x, 7 cards
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2211
CONVERSATIONAL REMOTE JOB ENTRY (CRJE) LISTINGS
 Microfiche for all users of VS1 7.0.
 Microfiche, reduced 45x, 14 cards
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SJD2

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Listings for the above OS/VS1 and/or OS/VS2 program.
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OS/VS2 REL 834 VTAM, PROG NO. 5735-RC2, LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
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OS/VS2 REL 835 VTAM, PROG NO. 5735-RC2, LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
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OS/VS2 845 NOSF LISTINGS, SCP 5735-XX2
Listings for the above OS/VS1 and/or OS/VS2 program.
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OS/VS2 ACF/TCAM, MICROFICHE LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
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MVS ACF/TCAM BASE, LIC PROG 5735-RC1, LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche, 92 cards, 2/78 updated by TNL 5/78
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- LJD2-6213
VS2 854 MVS/ACF/VTAM, PROG 5735-RC2 ENCRYPT/DECRYPT LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche reduced 45x, 3 cards, 5/78
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- LJD2-6215
MVS/INFORMATION DISTRIBUTION WORK STATION SUPPORT, LIC PROG 5740-AMA, LISTINGS
The MVS/Information Distribution Work Station Support program product provides latch-oriented remote

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communications functions for the IBM 6670 Information Distributor with the synchronous data link control (SDLC) protocol in the systems network architecture (SNA) environment. The program extends OS/VS 2 MVS host processor support to the IBM 6670 for document input, processing and output. This microfiche contains the program listings. Microfiche, reduced 45x, 2/80
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LJD2-6218

OS/VS2 REL 3.8 TSO ENHANCEMENT JBB 1112 MICROFICHE LISTING
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche 45X, 19 cards, /79
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SJD2-6239

OS/VS2 RELEASE 3.8 MF/1
Microfiche listings for OS/VS2.
Microfiche, 9 cards
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OS/VS2 REL 3.8 (NOSP) NETWORK OPERATION SUPPORT PROGRAM 5735-XX2 HN01102 MICROFICHE LISTINGS
Contains Type I OS program listings as specified in the title.
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OS/VS2 REL 3.8 (TCAM11) ACF/TCAM SCP ETC1102 MICROFICHE LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
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OS/VS2 REL 3.8 ACF/TCAM BASE PROGRAM 5735-RC1 JTC1112 MICROFICHE LISTINGS
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OS/VS2 REL 3.8 ACF/TCAM NET FEATURE JTC1122 MICROFICHE LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
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OS/VS2 REL 3.8 ACF/VTAM BASE PP JVT1112 MICROFICHE LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
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OS/VS2 REL 3.8 ACF/VTAM NET FEATURE 5735-RC2 JVT1122 MICROFICHE LISTINGS
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LJD2-6270

OS/VS2 RELEASE 3.8 ENCRYPT/DECRYPT FEATURE JVT1132, LIC PROG 5735-RC2, MICROFICHE LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
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OS/VS2 554 ACF/TCAM SCP
Microfiche source listings for OS/VS2 SVS ACF/TCAM
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OS/VS2 REL 555 ACF/TCAM BASE SCP 5735-RC1
Listings for the above OS/VS1 and/or OS/VS2 program.
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OS/VS2 REL 556 ACF/TCAM NETWORKING SCP 5735-RC1
Listings for the above OS/VS1 and/or OS/VS2 program.
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LJD3

SJD2-7220

OS/VS2 ACF/TCAM V2 R3 SYSTEM CONTROL PROGRAM SCP 5752-VS2 LISTINGS
This document contains assembly listings for all TCAM modules for this version and release, ACF/TCAM V2 R3 VS2 SCP.
Microfiche, 9/80
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LJD2-7222

OS/VS2 ACF/TCAM V2 R3 BASE PROGRAM PRODUCT, LIC PROG 5735-RC3 LISTINGS
This document contains assembly listings for all TCAM modules for this version and release - ACF/TCAM V2 R3 VS2 Base PP. It can be used in conjunction with the SCP for ACF/TCAM V2R3 VS2 which has microfiche identity of SJD2-7220.
Microfiche, 9/80
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LJD2-7224

OS/VS2 ACF/VTAM V2 R1 MULTISYSTEM NETWORKING FACILITY, LIC PROG 5735-RC3 LISTINGS
This microfiche contains listings of the program shown in the title.
modules for this version and release ACF/TCAM Version 2 Release 2 MVS Multisystem Networking Feature and must be used in conjunction with ACF/TCAM Version 2 Release 2 MVS Base Program Product.
Microfiche, reduced 45x, 24 cards, 3/80
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SJD2-7226

OS/VS1 ACF/TCAM V2 R3 SYSTEM CONTROL PROGRAM (SCP), LIC PROG 5652-VS1, LISTINGS
This document contains assembly listings for all TCAM modules for the version and release, ACF/TCAM V2 R3 VS1 SCP.
Microfiche, 1/81
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LJD2-7227

OS/VS1 ACF/TCAM V2 R3 BASE PROGRAM PRODUCT, LIC PROG 5735-RC3, LISTINGS
This document contains assembly listings for all TCAM modules for this version and release, ACF/TCAM V2 R3 VS1 base PP. It can be used in conjunction with the SCP for TCAM V2 R3 VS1 which has microfiche identity of SJD2-7226.
Microfiche, 1/81
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LJD2-7228

OS/VS1 ACF /TCAM V2R3 MULTISYSTEM NETWORKING FACILITY FEATURE, LIC PROG 5735-RC3, LISTINGS
This document contains assembly listings for all TCAM modules for this version and release, ACF/TCAM V2 R3 VS1 Multisystem Networking Facility feature. It can be used in conjunction with the SCP for V2 R3 (SJD2-7226) and base PP for V2 R3 (LJD2-7227) microfiche.
Microfiche, 1/81
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LJD2-7236

OS/VS2 ACF/TCAM V2R3 MULTISYSTEM NETWORKING FACILITY FEATURE (6003) 5735-RC3 LISTINGS
This document contains assembler listings for all TCAM modules for this version and release ACF/TCAM V2 R3 OS/VS2 Multisystem Networking Facility Feature (6003) and must be used with ACF/TCAM V2 R3 OS/VS2 Base pp.
Microfiche, reduced 45x, 9/80
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LJD3-3922

DOS F/ANS COBOL COMPILER PTF 35 (UP15279) LYC7-5030-04, LYC7-5031-04 PROGRAM ID 5736-CB201/LM201
Included PTF is 5736-CE201-C0035, 1 tape, and 5736-LM201-C-0035, 1 tape.
Microfiche, reduced 45x, 7 cards

LJD3-6000

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VSE/DITTO UTILITY, LIC PROG 5746-UT3, LISTINGS (CURRENT RELEASE)
Contains PTPs:
DTOAN DTODISK DTOLBACC DTOMAIN DTOSTERK DTOVSFN
DTOCDFN DTODSKIO DTOLINKA DTOMSG DTOSTRTQ DTOWSI
DTOCDIO DTGDBUF DTOLINKC DTOMSGOO DTOSYNTX DTOWSO
DTOCFTD DTGTPRM DTOLINKD DTOPRT DTOTFFN DTOWSRIO
DTOCHNG DTGHPG DTOLINKI DTOROC DTOTPI DTOTVACC
DTOCTLCD DTOHEX DTOLINKS DTOSQFN DTOTPIO DTOWTO
DTODATA DTOISFN DTOLINKT DTOSQI DTOTPO DTOWX1
DTOBLK DTOISI DTOLINRV DTOSQC DTOTRTAE DTOWX2
DTODEVNC DTOISO
Microfiche, 18.5 x 8.3 cm, 10 cards, 9/80
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LJD3-6001

SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM, LIC PROG 5740-XYF, LISTINGS
The PL/S source and Assembler listings of all modules for the Screen Definition Facility/Customer Information Control System.

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SQ33

Microfiche, reduced 45x, 48 cards, 9/80
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Manual, 8 1/2 x 11 inches, 854 pages, 5/30
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LJD3-6002

SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM, LIC PROG 5746-XXT, LISTINGS
The PL/S source and Assembler Listings of all modules for the Screen Definition Facility/Customer Information Control System.
Microfiche, reduced 45x, 48 cards, 9/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SQ33-0070

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) RELEASE 1.4.1, LIC PROG 5746-XX3, DOS/VS SYSTEM PROGRAMMER'S REFERENCE (SC33-0070-2)
This publication is equivalent to SC33-0070-02.
Manual
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LQA4-3003

CICS/DOS/VS LIC PROG 5746-XX3 RELEASE 1.3 (LYA4-3003-1)
This publication is equivalent to LYA4-3003-01.
Microfiche, 188 cards
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SQ33-0071

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) REL 1.4 LIC PROG 5740-XX1, SYSTEM PROGRAMMER'S GUIDE (OS/VS) (SC33-0071-1)
This publication is equivalent to SC33-0071-01.
Manual, 8 1/2 x 11 inches, 210 pages, 8/78
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LQA4-3005

CUSTOMER INFORMATION CONTROL SYSTEM DOS/VS (CICS/DOS/VS) LIC PROG 5746-XXE LISTINGS (LYA4-3005-1)
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CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE CICS/VS RELEASE 1.4.1 LIC PROG 5740-XX1, 5746-XX3 3650 GUIDE (SC33-0073-1)
This manual is equivalent to SC33-0073-01.
Manual, 8 1/2 x 11 inches, 88 pages, 5/80
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LQB0-8038

IMS/VS MSC LISTINGS, LIC PROG 5740-XX2, RELEASE 1.1.4 (LYB0-8038-3)
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Manual, 8 1/2 x 11 inches, 138 pages, 6/80
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SQ20-0884

VM/370 DATA AREAS AND CONTROL BLOCK LOGIC REL 4 (SY20-0884-2)
This manual is equivalent to SY20-0884-02.
Manual, 8 1/2 x 11 inches, 336 pages, 11/78
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SQ33-0075

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE CICS/VS RELEASE 1.4.1 LIC PROG 5740-XX1, 5746-XX3, 3790 GUIDE (SC33-0075-2)
This manual is equivalent to SC33-0075-02.
Manual, 8 1/2 x 11 inches, 120 pages, 6/80
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GQ20-1818

VM/370 CMS COMMAND AND MACRO REFERENCE REL 4 (GC20-1818-1)
This manual is equivalent to GC20-1818-01.
Manual, 8 1/2 x 11 inches, 386 pages, 9/78
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SQ33-0077

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) VERSION 1 RELEASE 4 APPLICATION PROGRAMMER'S REFERENCE (COMMAND LEVEL 5746-XX3, 5740-XX1) (SC33-0077-1)
This manual is equivalent to SC33-0077-01.
Manual, 8 1/2 x 11 inches, 458 pages, 4/80
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GQ28-0673

OS/VS SYSTEM MODIFICATION PROGRAM (SMP) RELEASE 3 (GC28-0673-5)
This manual is equivalent to GC28-0673-05.
Manual, 8 1/2 x 11 inches, 536 pages
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SQ33-0079

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE CICS/VS RELEASE 1.4.1 LIC PROG 5740-XX1, 5746-XX3, APPLICATION PROGRAMMER'S REFERENCE MANUAL (MACRO LEVEL) (SC33-0079-1)
This manual is equivalent to SC33-0079-01.
Manual, 8 1/2 x 11 inches, 625 pages, 6/80
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GQ28-0772

ENVIRONMENTAL RECORDING EDITING AND PRINTING (EREP) PROGRAM REFERENCE, OS/VS1 RELEASE 6, OS/VS2 RELEASE 3.7, VM/370 RELEASE 6 (C28-0772-2)
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Manual, 8 1/2 x 11 inches, 140 pages, 02/80
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SQ33-0080

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) VERSION 1 RELEASE 4 OPERATOR GUIDE 5746-XX3, 5740-XX1 (SC33-0080-1)
This manual is equivalent to SC33-0080-01.
Manual, 8 1/2 x 11 inches, 160 pages, 4/80
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GQ28-0920

OS/VS2 MVS RESOURCE MANAGEMENT FACILITY (RMF) RELEASE 3, LIC PROG 5740-XY4, SPECIFICATIONS (GC28-0920-4)
This publication is equivalent to GC28-0920-04.
Manual, 8 1/2 x 11 inches, 2 pages, 7/79
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CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE CICS/VS RELEASE 1.4.1 LIC PROG 5740-XX1, 5746-XX3, MESSAGES AND CODES (SC33-0081-1)
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Manual, 8 1/2 x 11 inches, 464 pages, 5/31
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SQ30-3136

ACF/TCAM VERSION 2 RELEASE 2, LIC PROG 5735-RC3 (SC30-3136-1)
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ACF/TCAM, LIC PROG 5735-RC3, VERSION 2: DIAGNOSIS RELEASE 2 (SC30-3137)
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This manual is equivalent to SC33-0068-01.
Manual, 8 1/2 x 11 inches, 382 pages, 5/31
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SQ33-0095

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This manual is equivalent to SC33-0069-02.

SQ33-4045

DOS/VS SORT/MERGE VERSION 2 RELEASE 2, LIC PROG 5746-SM2, INSTALLATION (SC33-4045-2)
This publication is equivalent to SC33-4045-02.
Manual, 8 1/2 x 11 inches, 40 pages, 10/79

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GR20

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DOS/VS DATA MANAGEMENT GUIDE, RELEASE 34 (GC33-5372-3)
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Manual, 8 1/2 x 11 inches, 308 pages, 12/74
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VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY RELEASE 2 SPECIFICATIONS LIC PROG 5746-TS1 (GC33-6065-2)
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Flyer, 8 1/2 x 11 inches, 2 pages, 1/80
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VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (VSE/ICCF) GENERAL INFORMATION, RELEASE 2, LIC PROG 5746-TS1 (GC33-6066-1)
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VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (VSE/ICCF) INSTALLATION RELEASE 2 LIC PROG 5746-TS1 (SC33-6067-1)
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Manual
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- SQ33-6068
VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (VSE/ICCF), TERMINAL USER'S GUIDE RELEASE 2, LIC PROG 5746-TS1 (SC33-6068-1)
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Manual, 8 1/2 x 11 inches, 68 pages, 1/80
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DOS/VSE INTERACTIVE PROBLEM CONTROL SYSTEM (VSE/IPCS) RELEASE 2, LIC PROG 5746-SA1, SPECIFICATIONS (GC34-2021-1)
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DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS) RELEASE 2 LIC PROG 5746-XC4 REFERENCE (SH20-2209-1)
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DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS) RELEASE 2 LIC PROG 5746-XC4 LOGIC (LY20-2456-1)
This publication is equivalent to LY20-2456-01.
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- SQ64-5156
OS/VS1 I/O SUPERVISOR RELEASE 06.1 LOGIC (SY24-5156-5)
This manual is equivalent to SY24-5156-05.
Manual, 8 1/2 x 11 inches, 184 pages
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3705 EMULATION REFERENCE CARD

This reference summary will be updated from time to time; however, the basic documentation is the authoritative source and will be the first to reflect changes. Information herein is extracted from the Guide to Using the IBM 3704 Communications Controller Control Panel (GA27-3086), Guide to Using the IBM 3705 Communications Controller Control Panel (GA27-3087), IBM 3704 and 3705 Communications Controller Principles of Operation (GC30-3004), and the IBM 3704 and 3705 Program Reference Handbook (GY30-3012).

Reference card, 8 pages

//09/3704,3705/

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ST83-0183

SUPPLEMENT FOR OS/VS2 SYSTEM PROGRAMMING LIBRARY MVS DIAGNOSTIC TECHNIQUES TO OS/VS2 MVS/SYSTEM PRODUCTS, 5740-XYN, -XYS RELEASE 3.8 (SD23-0183-0)
This publication is equivalent to SD23-0183-00.
Manual, 8 1/2 x 11 inches, 256 pages, 8/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

LT83-0189

SUPPLEMENT FOR OS/VS2 SYSTEM LOGIC LIBRARY RELEASE 3.8 VOLUME 5 TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS (LD23-0189-1)
This publication is equivalent to LD23-0189-01.
Manual, 8 1/2 x 11 inches, 128 pages, 10/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LT83-0190

SUPPLEMENT FOR OS/VS2 SYSTEM LOGIC LIBRARY RELEASE 3.8 VOLUME 6 TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS (LD23-0190-1)
This publication is equivalent to LD23-0190-01.
Manual, 8 1/2 x 11 inches, 112 pages, 10/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LT83-0191

SUPPLEMENT FOR OS/VS2 SYSTEM LOGIC LIBRARY VOLUME 7 RELEASE 3.8 TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS (LD23-0191-1)
This publication is equivalent to LD23-0191-01.
Manual, 8 1/2 x 11 inches, 132 pages, 10/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LT83-0194

SUPPLEMENT FOR OS/VS2 MVS SYSTEM PROGRAMMING LIBRARY SERVICE AIDS LOGIC RELEASE 3.8 TO MVS/SYSTEM PRODUCT, 5740-XYS, -XYN (LD23-0194-1)
This publication is equivalent to LD23-0194-01.
Manual, 8 1/2 x 11 inches, 12 pages, 10/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

ST83-9000

SUPPLEMENT FOR VM/370 SEFP TO INTRODUCTION, 5748-XE1 (SD23-9000-0)
This manual is equivalent to SD23-9000-00.
Manual, 8 1/2 x 11 inches, 40 pages, 3/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST83-9001

SUPPLEMENT FOR VM/370 SEFP TO PLANNING & SYSTEM GENERATION GUIDE, 5748-XE1 (SD23-9001-0)
This manual is equivalent to SD23-9001-00.
Manual, 8 1/2 x 11 inches, 100 pages, 3/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST83-9002

SUPPLEMENT FOR VM/370 SEFP TO OPERATOR'S GUIDE (SD23-9002)
This manual is equivalent to SD23-9002-00.
Manual, 8 1/2 x 11 inches, 76 pages, 3/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST83-9003

SUPPLEMENT FOR VM/370 SEFP TO SYSTEM PROGRAMMER'S GUIDE, 5748-XE1 (SD23-9003-0)
This manual is equivalent to SD23-9003-00.
Manual, 8 1/2 x 11 inches, 108 pages, 3/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST83-9005

SUPPLEMENT FOR VM/370 SEFP TO OLTSEP & ERROR RECORDING, 5748-XE1 (SD23-9005-0)
This manual is equivalent to SD23-9005-00.
Manual, 8 1/2 x 11 inches, 28 pages, 3/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST83-9008

SUPPLEMENT FOR VM/370 SYS EXT TO CMS COMMANDS & MACRO REF, 5748-XE1 (SD23-9008-0)
This manual is equivalent to SD23-9008-00.
Manual, 8 1/2 x 11 inches, 104 pages, 3/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST83-9009

SUPPLEMENT FOR VM/370 SYS EXT TO CMS USER'S GUIDE, 5748-XE1 (SD23-9009-0)
This manual is equivalent to SD23-9009-00.
Manual, 8 1/2 x 11 inches, 88 pages, 3/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST83-9010

SUPPLEMENT FOR VM/370 SYS EXT TO GENERAL USER'S GUIDE, 5748-XE1 (SD23-9010-0)
This manual is equivalent to SD23-9010-00.
Manual, 8 1/2 x 11 inches, 44 pages, 3/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST83-9011

SUPPLEMENT FOR VM/370 SYSTEM EXTENSIONS TO OPERATING SYSTEMS IN A VIRTUAL MACHINE, 5740-XE1 (SE23-9011-0)
This manual is equivalent to SD23-9011-00.
Manual, 8 1/2 x 11 inches, 80 pages, 3/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

ST83

GX20

ST83-9023

SUPPLEMENT FOR VM/370 BSEPP TO VM/370 CMS COMMAND AND MACRO REFERENCE RELEASE 1, 5748-XX8 (SD23-9023-0)
This manual is equivalent to SD23-9023.
Manual, 8 1/2 x 11 inches, 106 pages, 4/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

Reference card, 21 x 9.5 cr, 8 panels, 7/80
////5746-XXV,5748-XXR

GX20-1049

ENTRY LEVEL INTERACTIVE SYSTEM-ONE, LIC FRCG 5746-XXV 5748-XXR, REFERENCE SUMMARY

This card provides a ready reference for ELIAS-I and includes edit MACROS, parameters, search arguments, FF Key settings, etc., extracted from SH19-6159 and SH19-6160. and SB19-6160.
Reference card, 3 1/4 x 8 1/2 inches, 6 panels, 2/81
////5746-XXV,5748-XXR

ST83-9025

SUPPLEMENT FOR VM/370 BSEPP TO CP COMMAND REFERENCE FOR GENERAL USERS RELEASE 100, 5748-XX8 (SD23-9025-0)
This manual is equivalent to SD23-9025-00.
Manual, 8 1/2 x 11 inches, 80 pages, 4/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX11-6010

SCREEN DEFINITION FACILITY/CICS MAP SPECIFICATIONS - 1
SCREEN DEFINITION FACILITY/CICS MAP SPECIFICATIONS - 2
This Screen Definition Facility/CICS coding form gives the layout and, where appropriate, the possible values or ranges of values that can be coded for the Session Header, Map Set Identification, Map Header, and Map Header device specification, on the front side (-1), and the Map Layout Header, Map Layout Trailer and Session Trailer on the reverse side (-2). It is for use by programmers preparing batch input for Screen Definition Facility/CICS.
Padded form, 8 1/2 x 11 inches, 50 u/m, 8/79

GX20-1761

MATHEMATICAL PROGRAMMING INPUT FORM SYSTEM/360 - 1130

This is a Mathematical Programming Input Form 25 sheets to a pad, 8 1/2 x 11, 3 hole punch.
Padded Form, 25 sheets, 8 1/2" x 11"
NOT AVAILABLE UNDER SLSS

GX11-6011

SCREEN DEFINITION FACILITY/CICS MAP SPECIFICATIONS - 3A
SCREEN DEFINITION FACILITY/CICS MAP SPECIFICATIONS - 3B
This Screen Definition Facility/CICS coding form gives the layout and, where appropriate, the possible values or ranges of values that can be coded for the Map Field, Field Data, Group, and Group Subfield specifications. It is for use by programmers preparing batch input for Screen definition Facility/CICS.
Padded form 8 1/2 x 11 inches, 50 u/m, 8/79

GX20-1961

VIRTUAL MACHINE FACILITY/370 REFERENCE, LIC PROG 5749-010 REFERENCE SUMMARY COMMANDS (GENERAL USER)

This reference summary contains CP Class G and Class Any commands, RSCS commands, selected CMS commands, and selected service aid statements and/or commands that the general user can issue. This reference summary presumes that the user has a working knowledge of VM/370

For VM/370 commands other than the commands listed in this reference summary, refer to VM/370 Commands (Other than General User), Order No. GX20-1995. For more extended but condensed information about VM/370 commands, see IBM Virtual Machine Facility/370: Quick Guide for Users, GX20-1926. Summary Card 8-1/2 X 3-5/8 folded, 16 pages
//36//5749

GX11-6012

SCREEN DEFINITION FACILITY/CICS MAP SET SPECIFICATIONS
SCREEN DEFINITION FACILITY/CICS PAGE SPECIFICATIONS
This Screen Definition Facility/CICS coding form gives the layout and, where appropriate, the possible values or ranges of values that can be coded for the Session Header, Map Set Header, Map Set Header Devices Specification, and Map Set Header Tab Specification, on one side of the form (MAPSET) and the Session Header, Page Header, and Page Layout, on the other (Page). It is for use by programmers preparing batch input for Screen Definition Facility/CICS.
Padded Form, 8 1/2 x 11 inches, u/m 50, 2 pages, 8/79

GX20-1995

VIRTUAL MACHINE/370 (VM/370) COMMANDS (OTHER THAN GENERAL USER) REFERENCE SUMMARY

This card contains CF Class A, B, C, D, E, and F commands, IPCS commands, selected CMS commands, and selected service aid statements and commands that system programmers, operators, and other specialized VM/370 users can issue.
Card, 3 5/8 x 8 1/2 inches, 9 panels
//36//5749

GX11-6013

SCREEN DEFINITION FACILITY/CICS PROFILE SPECIFICATIONS - 1
SCREEN DEFINITION FACILITY/CICS PROFILE SPECIFICATIONS - 2
This Screen Definition Facility/CICS coding form gives the layout and, where appropriate, the possible values or ranges of values that can be coded for the Session Header, Profile Header, Profile Library Specification, and Profile Tab Specification, on one side (-1), and the Attribute Character Defaults, on the other (-2). It is for use by programmers preparing batch input for Screen Definition Facility/CICS.
Padded form, 8 1/2 x 11 inches, 50 u/m, 8/79

GX20-1998

DMS/VS DMS/CICS/VS DATA TRANSFER FORM

Layout form for DMS application indicated above.
Padded form, 13 1/2 x 8 1/2 inches, u/m 50, 3/79

GX11-6014

SCREEN DEFINITION FACILITY/CICS PROFILE SPECIFICATIONS - 3
SCREEN DEFINITION FACILITY/CICS PROFILE SPECIFICATIONS - 4
This Screen definition Facility/CICS coding form gives the layout and, where appropriate, the possible values or ranges of values that can be coded for the Program Function Key Defaults, on one side (-3), and the Map Set Defaults, Map Defaults, and session Trailer, on the other (-4). It is for use by programmers preparing batch input for Screen definition Facility/CICS.
Padded form, 8 1/2 x 11 inches, 50 um, 8/79

GX20-1999

DMS/VS DMS/CICS/VS FILE DESCRIPTION FORM

Form used for DMS file description.
Padded form, 13 1/2 x 8 1/2 inches, u/m 50, 3/79

GX11-6065

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE/VM (ELIAS-I), LIC PROG 5746-XXV, 5748-XXR, REFERENCE CARD
ELIAS-I is the collective name for two related Licensed Programs, Entry Level Interactive Application System-One (Program Number 5746-XXV), and Entry Level Interactive Application System-One/Virtual Machine (Program Number 5748-XXR). These two licensed programs and their supporting documentation are designed to improve the productivity of users of CICS/VS and DL/I when run on a selected IBM System/370 or IBM 4300 Processors. The two products differ in the control program environment to which they relate. ELIAS-I is executed in the environment provided by the VSE/Interactive Computing and Control Facility, and is primarily intended to be used with DOS/VSE System IPO/E, (Program Number 5750-AAA, 5750-AAB, or 5750-AAC). ELIAS-I/VM is executed in the environment provided by the Conversational Monitoring System, and is primarily intended to be used with VM/DOS/VSE System IPO/E, (Program Number 5750-AAE or 5750-AAF). It can also be used with VM System IPO/E, (Program Number 5750-AAD) to provide the jobstream creation facility.
Both programs provide a series of interactive dialogs called "procedures", which prompt the user to specify the definitions of data bases and batch and online application programs. They also provide a set of predefined sequences of code called "bricks". Each brick performs a specific and frequently used program function, and can be incorporated into the user's application program to perform that function. This reference card is addressed to the managers responsible for the development of computer applications. It describes the process of implementing a data base/data communications system using the facilities and methods supplies by ELIAS-I.

GX20-2040

GENERAL PURPOSE 3276/3278 PROGRAM FUNCTION TEMPLATE STRIP
Template insert strip (used with plastic template GX20-2043) for user program function key designation for 3276/3278 keyboards.
Paper template, 17 x 2 inches, 7/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX20-2041

3276/3278 PROGRAM FUNCTION KEY TEMPLATE - GENERAL USE
Outboard PF key template for user code designations for 3276/3278 keyboards.
Paper template, 3 1/4 x 5 inches, 7/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX20-2043

PLASTIC HOLDER FOR TEMPLATE INFORMATION CARDS
A plastic holder which fits at top of 3276/3278 keyboard to hold paper inserts for following functions:

ATMS/STAIRS	SX20-2036
PLANCODE	SX20-2044
General Purpose FF Keys	GX20-2040
Outboard PLANCODE	SX20-2035
Outboard ATMS/STAIRS	SX20-2037
General Purpose FF Keys	GX20-2041

Plastic template, 17 x 2 inches, 7/79

GX20-2341

DMS/CICS/VS CALCULATION AND EDIT FORM

Calculation and Edit form for DMS under CICS/VS. Shows Test Keywords, Set Keywords, and Operation Keywords.
Padded form, 13 1/2 x 8 1/2 inches, u/m 50, 11/79

GX20-2342

INTERACTIVE INSTRUCTIONAL SYSTEM - PRESENTATION WORKSHEET
Presentation worksheet for Interactive Instructional System.
Padded form, u/m 50, 10/79

GX20-2343

SYSTEM IPO/E & INTERACTIVE PRODUCTIVITY FACILITY REFERENCE SUMMARY

This reference summary card provides a quick reference on program function key use, service requests, and the base and feature content for DCS/VSE, VM, and VM/ECS/VSE System IPO/Es.
Reference card
////5749,5745-020,5748-MS1

SX20

GX21

SX20-2346

INTERACTIVE PRODUCTIVITY FACILITY TEMPLATE
This template provides the user of the Interactive Productivity Facility with the layout of the program function keys. It mounts directly over the program function keys of a 3277 display terminal.
Template
///5748-MS1

GX20-2347

SUPPORT AND STRUCTURAL PROGRAMMING FACILITY CONVERSATIONAL MONITOR SYSTEM, LIC PROG 5748-XT3, QUICK REFERENCE SUMMARY
This Quick Reference Summary is an 8-page folder that summarizes SPF commands and program function keys.
Folder, 8 panels - 1 fanfold form, 2 mechanicals, 8/79
///5748-XT3

GX20-2350

BSP MATRIX FORM
The BSP matrix form is a tool designed to assist members of a Business Systems Planning study team in the analysis of business and information system relationships.
Padded form, 17 x 22 inches, u/m 20

GX20-2351

BSP MATRIX FORM
The BSP matrix form is a tool designed to assist members of a Business Systems Planning study team in the analysis of business and information system relationships.
Padded form, 17 x 22 inches, u/m 10

GX20-2352

3101 DISPLAY TERMINAL REFERENCE SUMMARY
This card contains Code Translation Tables, Transmitted and Received Data Sequences, Installation Settings, and other reference material for use with the 3101.
Reference card, 3 1/2 x 8 1/2 inches, 6 panels, 11/79
//09/3101/

SX20-2355

3276 3278 INTERACTIVE PRODUCTIVITY FACILITY PROGRAM FUNCTION TEMPLATE
Program function key template for interactive productivity for use with 3276 or 3278.
Cardboard template, 1 x 17 inches, 2 sides
///5748-MS1

GX20-2358

3270 INFORMATION/SYSTEM PFK TEMPLATE
Information/System program function key template for use with IBM 3270 terminals having 24-function keys. This template includes basic operating instructions on reverse side.
Keyboard template

GX20-2364

TOTAL STORAGE MANAGEMENT PRODUCT MATRIX REFERENCE SUMMARY
The Total Storage Management Product Matrix is a tool designed to help the marketing representative select the right solution for a given storage management problem.
It lists more than thirty storage management functional areas relating to data set creation, space and data set management, backup and recovery, and IBM aids. Each area is explained in its relation to performance, availability, capacity and environment, as well as the IBM Program Products and tools that address the function.
Reference card, 3 3/4 x 8 1/2 inches, 6 panels, 7/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX20-2365

PASCAL/VS, IUP 5796-PNQ, REFERENCE SUMMARY
Pascal/VS is a compiler for a superset of the Pascal language, operating under MVS and VM/CMS. Originally designed by N. Wirth as a high level language to teach computer programming, Pascal has emerged as an influential and well accepted user language in today's data processing environment. Pascal provides the user with the ability to produce very reliable code in an efficient and natural manner.
Reference summary
///5796-PNQ

GX20-2383

USE SYSTEM IPO/E AND INTERACTIVE PRODUCTIVITY FACILITY RELEASE 2.1, LIC PROG 5748-MS1, REFERENCE SUMMARY
This terminal user aid summarizes the logon and logoff procedures, the use of each of the program function keys, the panels generated by service requests, and the panel IDs and their titles. A list of annotated references is included.
Fanfold, 3 3/8 x 8 1/2 inches, 6 panels, 2/81
//39//5745-020,5748-MS1

GX20-2384

PF KEY SYSTEM PRODUCTIVITY FACILITY TEMPLATE STRIP FOR 3270 TERMINALS
Program function key template strip for System Productivity Facility.
Plastic template, U/M 10

SX20-2386

PF KEY SYSTEM PRODUCTIVITY FACILITY TEMPLATE FOR 3270 TERMINALS
Program function key template for 3270 terminals for System Productivity Facility.
Plastic template, U/M 10

SX20-4400

VM/SP, LIC PROG 5664-167, QUICK GUIDE FOR USERS
This guide describes some essential VM/SP operations for the new user. It also provides a brief description of all VM/SP commands for the experienced user. Only a limited amount of prior VM/SP knowledge is assumed for the section on VM/SP operations. Prerequisite publications are listed in the "Preface."

The user of the "CF, CMS, RSCS, and IPCS Command Descriptions and Formats/Service Aids" section should have a thorough understanding of VM/370 command syntax and usage. This is one of three reference summaries that can be ordered together under order number SBOF-3820.
Manual, 3 3/4 x 6 3/4 inches
//36//5664-167

SX20-4401

VM/SP, LIC PROG 5664-167, REFERENCE SUMMARY GENERAL USER
This reference summary lists the CF Class G and Any commands, the CMS commands for the general user, RSCS and IPCS commands, and such Service Aids as are useful to the general user.

This is one of three reference summaries that can be ordered together under order number SBOF-3820.
Manual
//20//5664-167

SX20-4402

VM/SP, LIC PROG 5664-167, REFERENCE SUMMARY OTHER THAN GENERAL USER
This reference summary lists the CF commands for the Class A, Class B, Class C, Class D, Class E, and Class F user; such CMS commands as are needed by these classes of users; IPCS commands; and Service Aids.

This is one of three reference summaries that can be ordered together under order number SBOF-3820.
Manual
//20//5664-167

GX20-4404

DATA BASE RESTRUCTURING SYSTEM, IUP 5796-FLH, REFERENCE CARD
The information in this publication is extracted from Data Extraction, Processing and Restructuring System Define and Convert Reference Manual, SB20-2178.
Reference card, 3 1/4 x 8 1/2 inches, 12 panels, 3/81
///5796-FLH

GX20-8020

FLOWCHARTING TEMPLATE
This plastic template provides cut-out shapes for drawing standard symbols used frequently in flowcharting computer systems and programs. It is enclosed in an envelope outlining definitions of symbols and use of the template. More details are given in the Data Processing Techniques manual on FLOWCHARTING TECHNIQUES (GC20-8152).
Template, 10 to a set
NOT AVAILABLE UNDER SLSS

GX21-5214

TOP/DOWN FLOWCHART TEMPLATE
This template includes basic symbols, program processing and sequencing symbols, and system processing symbols.
Plastic template, 4 x 10, 7/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX21-9090

RPG OUTPUT-FORMAT SPECIFICATIONS (FORM)
This is a form for coding RPG output-format specifications for the IBM System/3, System/360, and 1130. It is printed in reproducible green ink.
Padded Form, 50 sheets
NOT AVAILABLE UNDER SLSS

GX21-9091

RPG EXTENSIONS AND LINE COUNTER SPECIFICATIONS SHEET
This form is provided as an aid to the programmer writing an RPG program for the IBM System/3, System/360, and 1130. It is printed in reproducible green ink.
Padded Form, 50 sheets
NOT AVAILABLE UNDER SLSS

GX21-9092

RPG CONTROL CARD AND FILE DESCRIPTION SPECIFICATIONS FORM
This form is provided as an aid to the programmer writing an RPG program for the IBM System/3, System/360, and 1130. It is printed in reproducible green ink.
Padded form, 25 sheets
NOT AVAILABLE UNDER SLSS

GX21

SX23

GX21-9093

RPG CALCULATION SPECIFICATIONS SHEET

This is a form for coding RPG calculation specifications for the IBM System/3, System/360, and 1130. It is printed in reproducible green ink.
Padded Form, 50 sheets
NOT AVAILABLE UNDER SLSS

Acetate template, 8 1/2 x 11 inches, 4/80
//15/3848/

GX21-9095

RPG INDICATOR SUMMARY FORM

Form for RPG input using indicator categories of record identification, input field definition, calculation result, matching and chaining, control level, conversion, halt, user, and functions.
Padded Form, 25 sheets per pad
NOT AVAILABLE UNDER SLSS

GX22-7087

3081 PROCESSOR COMPLEX TEMPLATE

IBM physical planning template for planning machine room layouts. Metric scale: 10 mm = 0.5 m
Acetate template, 8 1/2 x 11 inches, 4/81
3081//15//

GX21-9096

TRANSLATION TABLE AND ALTERNATE COLLATING SEQUENCE CODING SHEET

This form is provided as an aid for the programmer writing an RPG program for the IBM System/3, System/32, System/34, System/38, System/360, or System/370; and for the programmer using the Sort Utility on the IBM System/3, System/32, or System/34.

This form can be used for the following machine types:
5424, 5320, 5340, 3262, 3410, 3411, 5211, 5424.
Pad, 8 1/2 x 11 inches, 50 pads, 5/79
NOT AVAILABLE UNDER SLSS

GX22-7088

3375 DIRECT ACCESS STORAGE MODELS A1 AND E1 PHYSICAL PLANNING TEMPLATE

Equipment template on 8 1/2 x 11 inches, acetate sheet for planning machine room layouts. Scale: 10 mm = 0.5 m.
Acetate template, 8 1/2 x 11 inches, 1, 6/80
//15/3375/

GX21-9129

RPG DEBUGGING TEMPLATE

This template is a quick tool for programmers debugging RPG. Template
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX22-7089

3380 DIRECT ACCESS STORAGE MODEL A4, A4F, AA4, AAF, E4, and B4F TEMPLATE

Equipment template on 8 1/2 x 11 inches acetate sheet for planning machine room layouts. Scale: 10 mm = 0.5 m.
Acetate template, 8 1/2 x 11 inches, 1 page, 6/80
//15/3380/

GX21-9139

RPG AUTO REPORT SPECIFICATIONS

This form is provided as an aid to the programmer writing an RPG II program using the RPG Auto Report feature. It is printed in reproducible green ink.
Padded form, 8-1/2 x 11 inches, 25 sheets per pad
NOT AVAILABLE UNDER SLSS

GX22-7090

3814 SWITCHING MANAGEMENT SYSTEM MODELS A1-A4, B1-E4, AND C1-C4 TEMPLATE

IBM physical planning template for planning machine room layouts. Both metric and English scales: 10 mm = 0.5 m; 1/4" = 1"
Acetate template, 8 1/2 x 11 inches, 4/81
//15/3814/

GX21-9186

3740 JOB INSTRUCTIONS FORM

The IBM 3740 Job Instructions sheet is a two-sided form which is used to provide the operator with the necessary information for running a job on the 3740 System. The front side is used for explaining how to run the job, disposition of documents, what fields are included. The reverse side lists the program codes for the 3740 System and explains their function.
Padded form, 1 page, printed on both sides
NOT AVAILABLE UNDER SLSS

GX22-7091

3289 LINE PRINTER MODEL 4

Equipment template on 8 1/2 x 11 inch acetate sheet for planning machine room layouts. Scale: 10 mm = 0.5 m.
Acetate template, 8 1/2 x 11 inches, 1 page, 7/80
4331//15/3289/

GX21-9187

3740 SYSTEM PRINT CHART

The IBM 3740 System Print Chart is used by the operator for specifying how printing is to be performed on the 3740 System.
Padded form, 1 page
NOT AVAILABLE UNDER SLSS

GX22-7095

3081 PROCESSOR COMPLEX

IBM physical planning template for planning machine room layouts. English scale: 1/4" = 1"
Acetate template, 8 1/2 x 11 inches, 4/81
3081//15//

GX22-7070

3203 PRINTER MODEL 5 PHYSICAL PLANNING TEMPLATE

IBM physical planning template for planning machine room layouts. Both metric and English scales. (10 mm = 0.5 m; 1/4 inch = 1 foot.
Acetate template, 8 1/2 x 11 inches, 4/81
3031,3032,3138,3148,3195,3115,3033,3155,3165,3145,3135,3158,3168,3125,4331,4341//15/3203/

GX23-0005

OPERATOR'S LIBRARY: OS/VS2 MVS JES2 COMMAND LANGUAGE REFERENCE SUMMARY

This is a reference card documenting the JES2 Commands Syntax taken from the Operator's Library: OS/VS2 MVS JES2 Commands, GC23-0007, which is the first to reflect changes. This card is used for quick reference to JES2 commands. This card obsoletes Operator's Library: OS/VS2 (JES2) Command Language Reference Summary, GX38-0227.
Card, 8 x 18 inches, scored, 10 panels, 5/77
///5752-825

GX22-7083

2914 SWITCHING UNIT MODEL 1 TEMPLATE

IBM Physical Planning Template: 2914 Switching Unit Model 1. Equipment template on 8 1/2 x 11 inch acetate sheet for planning scale: 1/4" = 1".
Acetate template, 8 1/2 x 11 inches, 11/79
//15/2914/

SX23-0006

MVS/INFORMATION DISTRIBUTION WORK STATION SUPPORT OPERATION, LIC PROG 5740-AMA WORK STATION CONTROLLER AND SYSTEM OWNER COMMAND REFERENCE SUMMARY

This card is published for MVS/Information Distribution Work Station Support (IWS) users who have work station controller and system owner command authority. It lists all IWS commands and their parameters, a brief description of their use, and the command authority required for each parameter. This information is also published as an appendix to MVS/Information Distribution Work Station Support Operation: Work State Controller and System Owner Guide, SC23-0033.

The IWS commands are explained in the guide. They enable the user to start, stop, and run IWS with the IBM 6670 Information Distributor and MVS. Users with system owner authority should be familiar with MVS, the job entry subsystem, and the SNA communications subsystem used in the installation. Users with work station controller authority should be familiar with the IBM 6670 Information Distributor and understand the concepts of networking and remote job processing.
Reference card, 8 1/2 x 14 1/2 inches, 8 panels, 2/80
///5740-AMA

GX22-7084

5424 MULTI-FUNCTION CARD UNIT MODELS A1, A2, K1, K2, AND K3

IBM Physical Planning Template: 5424 Multi-Function Card Unit Models A1, A2, K1, and K3.
Equipment template on 8-1/2 inches x 11 inches acetate sheet for planning machine room layouts.
SCALE: 10 mm = 0.5 m
Acetate Template, 8-1/2 inches x 11 inches, 1 page, 1/80
//15/5424/

SX23-0007

JES3 OPERATOR'S LIBRARY: REFERENCE SUMMARY

This book contains the formats and summarized descriptions of the operator commands used to control and diagnose errors in JES3 functions. The information is a summary of the console operator commands described in JES3 Operator's Library, SC23-0045 and JES3 System Programming Library: Diagnosis, SC23-0043.

This edition applies to the JES3 component of MVS/System Product - JES3 Release 2 and to all subsequent releases and modifications until otherwise indicated in new editions or technical newsletters.

GX22-7085

3848 CRYPTOGRAPHIC UNIT PHYSICAL PLANNING TEMPLATE

IBM Physical Planning Template: 3848 Cryptographic Unit.
Equipment template on 8-1/2" x 11" acetate sheet for planning machine room layouts.
Scale: 10mm = 0.5m

SX23

Reference summary, 8 x 9 1/2 inches
//40//5740-XYN

SX23-0008

OPERATOR'S LIBRARY: JES2 COMMAND SYNTAX
This card provides the console operator with a quick reference to JES2 command syntax. For more in-depth information concerning these commands, reference the Operator's Library: JES2 Commands, SC23-0048.
Reference card
//40//5740-XYN

GX23-0201

3276/3278 TROUBLE REPORT FORM
This form is used by the customer to report 3276/3278 machine malfunction symptoms to the IBM service representative.
Padded Form, 25 sheets per pad, 3 pages, 9/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX23-0202

3275/3277 TROUBLE REPORT FORM
This publication provides the operator with a check sheet for describing machine problems.
Padded Form, 25 sheets per pad, 10/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX23-0203

3274 CONTROL UNIT PROBLEM REPORT FORM
Report form for reporting problems which occur on the IBM 3274 Control Unit.
Pad, 8 1/2 x 5 1/2 inches, 15 sheets, 2 sides, 1/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX23-0204

3284/3286/3288 TROUBLE REPORT FORM
This form is used by the customer to report 3284/3286/3288 machine malfunction symptoms to the IBM service representative.
Padded form, 25 sheets per pad, 11/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX24-3670

4341 PROCESSOR CHANNEL LOAD SUM WORKSHEET
This worksheet provides the means to calculate the channel loading on a 4341 byte-multiplexer channel. This form is to be used in conjunction with Form GX24-3746, the 4341 Byte-Multiplexer Channel Preliminary Worksheet.
Padded form, U/M 50, 3/80
4341/01//

GX24-3722

IBM LOOP INSTALLATION FLOOR PLAN LAYOUT CHART
This chart provides a means for layout of a loop configuration for both the loop and the loop accessories for attachment to the IBM 3630 Plant Communication System and the IBM 8100 Information System.
Form

GX24-3738

3262 PRINTER MODELS 1 & 11 TROUBLE REPORT FORM
This customer aid is used to record error problems in order to have a record to give service personnel to expedite repair of the printer.
Padded form, 8 1/2 x 11 inches, single sheet, U/M 25, 06/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX24-3746

4341 PROCESSOR BYTE-MULTIPLEXER CHANNEL PRELIMINARY WORKSHEET
This worksheet is used in conjunction with the IBM 4300 Processors Channel Load Sum Worksheet, Order No. GX24-3670, to determine satisfactory operation for a given configuration of I/O devices on the byte-multiplexer channel of the IBM 4341 Processor. The instructions for using the worksheet are in the IBM 4341 Processor Channel Characteristics manual, GA24-3671.
Padded form, 8 1/2 x 11 inches, u/m 50, 8/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX24-3749

TROUBLE REPORT FORM - 3262 PRINTER MODELS 3 AND 13
This form is to be used by operators of 3262 Printer Models 3 and 13 attached to the 3270 Information Display System. Using this form minimizes downtime for the customer. A pad of forms in the printer is to be used by the operator to record indicator lights on and the status code displayed when there is an unscheduled printer stop. The form is to be given to service personnel.
Padded form, 8 1/2 x 11 inches, u/m 25, 8/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

SX24-5120

DL/I DOS/VS REFERENCE SUMMARY HIGH LEVEL PROGRAMMING INTERFACE LIC PROG 5746-XX1
This summary card provides application programmers with reference information on the DL/I DOS/VS high level programming interface, including: A summary of the command

SX26

syntax, a summary of status codes, link-editing and execution job control examples, the DIB, and other miscellaneous topics.

The source publication for this information is the DL/I DOS/VS high level Programming Interface User's Guide, SH24-5009.
Card, 8 1/2 x 25 3/8 inches folded, 7 pages, 3/80
///5746-XX1

SX24-5122

VM/SYSTEM PRODUCT, LIC PROG 5664-167, COMMAND LANGUAGE REFERENCE SUMMARY SYSTEM PRODUCT EDITOR
This reference card is a summary of the XEDIT command and XEDIT subcommands and macros.
Reference card, 12 panels, 9/80
//39//5664-167

SX24-5123

VM/SP PRODUCT EDITOR PFK TEMPLATE
This is a plastic PF key overlay with card insert. The plastic overlay fits over the PF keys on a 3270. The card insert shows the initial settings of PF keys for the VM/SP system product editor.
Plastic PF key overlay, 7 x 3 inches, 9/80
//39//3275,3277/5664-167

SX24-5124

VM/SYSTEM PRODUCT, LIC PROG 5664-167, EXEC 2 LANGUAGE REFERENCE SUMMARY
This reference summary lists and provides a description of the statements in the EXEC 2 language.
Reference card, 8 1/2 x 3 1/2 inches, 12 cards, 9/80
//39//5664-167

GX24-6599

MULTIPLE CARD LAYOUT FORM - 80 COLUMN
Used to Layout Field Headings and Other Information for Data Processing Cards.
Padded Form, 8-1/2 x 11, 25 per pad

GX26-1587

DECIMAL/HEXADECIMAL INTEGER CONVERSION CHART
This chart is used to convert decimal numbers to hexadecimal and hexadecimal numbers to decimal.

The chart covers the range of integers from 0000 to 4095. Additional instructions are provided to convert decimal and hexadecimal numbers beyond this range.
Reference Summary, 8-1/2 x 3-5/8" folded, 7 folds, 2 sides
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX26-1588

DECIMAL/HEXADECIMAL FRACTION CONVERSION CHART
This chart is used to convert decimal fractions to hexadecimal and hexadecimal fractions to decimal.

The chart covers the range of fractions from 0.00000000 to 0.00075586. Additional instructions are provided to convert decimal and hexadecimal fractions beyond this range.
Reference Summary, 8-1/2 x 3-5/8" folded, 7 folds, 2 sides
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX26-1663

DIVIDER TABS FOR 3880 STORAGE CONTROL DESCRIPTION
These divider tabs are to be inserted into the 3880 Storage Control Description Manual, Order number GA26-1661.
10 tabs, 8 1/2 x 11 inches, 9/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

SX26-3711

VSPC FORTRAN, LIC PROG 5748-F02, REFERENCE SUMMARY
This card contains quick reference information for using VSPC FORTRAN under VSFC. It includes some commonly referred to terminal operating procedures VSPC FORTRAN language syntax, and lists of the use and syntax of the VSPC commands most frequently used by the VSPC FORTRAN USER. It assumes you are familiar with the FORTRAN IV language as described in the IBM System/360 and System/370 FORTRAN IV language, GC28-6515, and the VSPC FORTRAN Terminal user's Guide, SH20-9062.
Card 8 1/2" x 3 5/8", 14 pages, 4/76
///5748-F02,5748-FC2

SX26-3712

VS APL (5748-AP1) REFERENCE SUMMARY
This is a handy guide to the APL language and system commands supported by the IBM program product VS APL. VS APL runs under the IBM program product VS Personal Computing (OS/VS1 VSPC, CS/VS2 VSPC, and DOS/VS VSPC) and under the Conversational Monitor System (CMS) of the Virtual Machine Facility/370 (VM/370).
This publication is directed to general users of VS APL. The user is assumed to be familiar with the APL language, as presented in APL Language, GC26-3847, and system details in the appropriate terminal user's guide: VS APL for CMS: Terminal User's Guide, SH20-9067, or VS APL for VSPC: Terminal User's Guide.
Booklet, 8 1/2 x 2 5/8 inches, 20 pages, 1/76
///5748-AP1

GX26

GX27

GX26-3725

DB/DC DATA DICTIONARY FIELD DEFINITION FORM FOR PL/I DATA
This coding form, used as an aid to the preparation of batch input for the DB/DC Data Dictionary program product, provides the means for bulk entry of data relevant to the definition of fields (data elements) in a PL/I structure. This form is used to collect data to add a new PL/I field to the data dictionary or to add data to an existing definition. Several types of records can be coded. Instructions for using this form are in DB/DC Data Dictionary Terminal User's Guide and Common Reference SH20-9083.

Padded form, 11 x 17 inches, w/m 25, 8/79

SX26-3727

IMS/VS VERSION 1, LIC PROG 5740-XX2, APPLICATION PROGRAMMING REFERENCE SUMMARY

This reference summary contains quick reference information for application programmers using IMS/VS. Information is extracted from IMS/VS Application Programming: Designing and Coding, SH20-9026-7.

Fanfold card, 8 1/2 x 3 5/8 inches, 14 panels, 7/80
///5740-XX2

GX26-3728

3203 PRINTER MODEL 5 OS/VS2 MVS 3.8 SUPPORT INSTALLATION REFERENCE SUMMARY

This reference card is intended for customer systems programmers. The following 3203 Printer Model 5 installation information is included in this reference:

- List of PTFs which comprise the 3203 Printer Model 5 support
- List of prerequisite feature and PTFs
- List of publications which were updated for 3203 Printer Model 5 support

Reference card, 3 5/8 x 8 1/2 inches, 4 cards, 9/79
//30/3203/5752

SX26-3729

GIS/VS, LIC PROG 5740-XX7, USER'S REFERENCE CARD
This card contains quick-reference information for using GIS/VS. This information is abstracted from SH20-9038, GIS/VS Language Reference Manual, and SB20-9036, GIS/VS User's Guide.

Reference card, 3-5/8 x 8-1/2 inches, 14 panels, 3/80
///5740-XX7

SX26-3731

VS FORTRAN APPLICATION PROGRAMMING, LIC PROG 5748-PO3, -LM3, SOURCE-TIME REFERENCE SUMMARY

This summary contains quick-reference information for using VS FORTRAN. It includes format notation, an outline of data, expressions, and the syntax of each VS FORTRAN statement. It also includes a list of format codes, compile-time options, error handling subroutines, and service subprograms. More detailed information will be found in VS FORTRAN Application Programming: Language Reference, GC26-3986; VS FORTRAN Application Programming: Guide, SC26-3985; VS FORTRAN Application Programming: Library Reference, SC26-3989; and VS FORTRAN Application Programming: System Services Reference Supplement, SC26-3988.

Manual, 8 1/2 x 11 inches, 18 pages, 2/81
///5748-PO3,5748-LM3,5748-PO3

SX27-0003

ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM), LIC PROG 5746-RC3, REFERENCE SUMMARY (CURRENT RELEASE)

This publication contains selected reference information extracted from Advanced Communication Function for VTAM (ACF/VTAM) Programming, SC27-0449 and from Advanced communication Function for VTAM (ACF/VTAM) Operation, SC27-0466.

Contents include: network operator commands, RPL return codes, a summary of the ACF/VTAM macro instructions, and SNA (Transmission Service and Presentation Services) profiles as implemented by ACF/VTAM.

Manual, 3 1/2 x 8 1/2 inches, 40 pages, 8/79
///5746-RC3

LX27-0004

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5746-RC3, CONTROL BLOCK OVERVIEW (CURRENT RELEASE)

This publication is a series of diagrams describing frequently used ACF/VTAM control blocks. Important pointers and data fields are shown, along with relationships between the control blocks.

Chart - 11 x 17 inches, 5 pages, 6/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SX27-0008

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM, LIC PROG 5735-RC2, 5746-RC3 REFERENCE SUMMARY (CURRENT RELEASE)

This publication contains selected reference information extracted from: ACF/VTAM Operation, SC27-0466; ACF/VTAM Planning and Installation Reference, SC27-0584; ACF/VTAM Programming, SC27-0449; and SNA Reference Summary, GA27-3136.

The contents include network operator commands, macros that define the network major modes, TSO/VTAM requirements, procedures to establish sessions, a summary of the ACF/VTAM macro instructions, and SNA sense code descriptions.

Manual, 3 3/4 x 6 3/4 inches, 1/81
///5735-RC2

LX27-0009

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), LIC PROG 5735-RC2, CONTROL BLOCK OVERVIEW RELEASE 2

This publication is a series of diagrams describing frequently used ACF/VTAM control blocks. Important pointers and data fields are shown, along with relationships between the control blocks.

Chart, 11 x 17 inches, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LX27-0013

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) CONTROL BLOCK OVERVIEW ACF/VTAM RELEASE 2 (OS/VS2 MVS)

This publication is a series of diagrams describing frequently used ACF/VTAM control blocks. Important pointers and data fields are shown, along with relationships between control blocks. This overview should be used in conjunction with ACF/VTAM Data Areas, LY38-3030 and ACF/VTAM Diagnostic Techniques, SY38-3029 which provide additional information about control blocks.

Charts, 11 x 17 inches, 9/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GX27-0014

3278 LAYOUT SHEET 3270 INFORMATION DISPLAY SYSTEM

This layout sheet is a form for planning and coding 3278-5 displays. The front of each sheet is a grid of 3564 positions (27 x 132); the back provides space for coding attributes and orders.

Pad, 11 x 17 inches, 2 pages, 7/79

GX27-0042

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM RELEASE 3 LIBRARY SUMMARY

This manual describes the library of publications available for Release 3 of the Advanced Communications Function for VTAM (ACF/VTAM). It describes the intended audience of each publication in the library, summarizes the content of each publication, and also provides a master index for the entire library of publications.

The manual is intended for users and prospective users of ACF/VTAM, at both the administrative and technical levels. Users of earlier ACF/VTAM releases will be particularly interested in a fold-out that illustrates the evolution of ACF/VTAM publications, which is helpful in tracing the movement of technical information from one release to the next.

Manual, 8 1/2 x 11 inches
///5746-RC3,5735-RC2

GX27-2900

IBM PHYSICAL PLANNING TEMPLATE: COMMUNICATIONS TERMINALS

This template gives a scaled representation of the physical planning specifications for the IBM Communications Terminals.

Template, 8 1/2 x 11, 1 page

3031,3032,3138,3148,2030,2040,2044,2050,2065,2067,2075,2091,2025,2085,3195,3115,5410,5415,5412,5404,3033,5406,3155,3165,3145,3135,2022,3158,3168,3125,5408,4331,4341//15/2712,2845,5496,2265,3286,2780,2740,2760,3735,1013,3780/

GX27-2922

3289 LINE PRINTER MODELS 1 & 2 OPERATOR'S TROUBLE REPORT FORM

Used by the printer operator to record pertinent error information. When an error or malfunction occurs that cannot be corrected by the operator, the Error Recovery and Problem Determination Guide directs the operator to complete the Trouble Report Form. The operator records the status of the printer when the error occurred, which indicators and switches were on, and any other information that may be helpful to the service personnel.

Other publications that should be available for the operator's use are:

- IBM 3289 Line Printer Models 1 and 2 Operator's Guide, GA27-3147
- IBM 3289 Line Printer Models 1 and 2 Error Recovery and Problem Determination Guide, GA27-3141
- IBM 3289 Line Printer Models 1 and 2 Operator's Reference Summary, GA27-3148

25-sheet pad, 8 1/2 x 11 inches, 8/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX27-2925

3289 LINE PRINTER MODEL 4 OPERATOR'S TROUBLE REPORT FORM

This form is used by the printer operator to record pertinent error information. When an error or malfunction occurs that cannot be corrected by the operator, the 3289 Error Recovery and Problem Determination Guide directs the operator to complete the Trouble Report Form. The operator records the status of the printer when the error occurred, which indicators and switches were on, and any other information that may be helpful to the service personnel.

Related Publications are:

- IBM 3289 Line Printer Model 4 Error Recovery and Problem Determination Guide, GA27-3160
- IBM 3289 Line Printer Model 4 Operator's Guide, GA27-3159.

Padded form, 8 1/2 x 11 inches, 2 pages, 3/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

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SX33

GX27-2931

3287 PRINTER MODELS 1C and 2C OPERATOR'S TROUBLE REPORT
To be filled out by the operator when a problem occurs on the 3287 color printer. This report form contains diagrams of the operator's panel, on which the operator marks which lights were on and any digits that were displayed on the Status Indicator when the trouble occurred. This information is used by the service representative to help diagnose the problem.
Padded form, 8 1/2 x 11 inches, u/m 25 3/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

LX27-3017

ACF/VTAM OS/VS1, LIC PROG 5735-RC2, CONTROL BLOCK OVERVIEW
This publication is an overview diagram showing the relationships of frequently used ACF/VTAM control blocks. This overview can be used in conjunction with ACF/VTAM Data Areas, LY27-8002. It may be inserted in a binder or used as a wall-chart. The first three pages of this overview show control block contents and relationships, while the fourth and fifth pages show resource definition table (RDT) segments for various nodes.
Overview diagram, 8 1/2 x 11 inches, 12 pages, 3/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LX27-3018

ACF/VTAM CONTROL BLOCK OVERVIEW, LIC PROG 5735-RC2 (MVS)
This publication is an overview diagram showing how the most frequently used ACF/VTAM control blocks are related to each other. This overview can be used in conjunction with ACF/VTAM Data Areas for OS/VS2 MVS.
Chart, 11 x 17 inches, 5 pages, 1/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LX27-3019

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) CONTROL BLOCK OVERVIEW, PROG PROD 5746-RC3
This publication is an overview diagram showing how the most frequently used ACF/VTAM control blocks are related to each other. This overview can be used in conjunction with ACF/VTAM Data Areas for OS/VS.
Chart, 11 x 17 inches, 6 pgs, 9/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SX27-3021

ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5735-RC2 (OS/VS) REFERENCE SUMMARY
This publication contains selected reference information extracted from the Advanced Communication Function for VTAM (ACF/VTAM) Macro Language Reference, SC38-0261 and the Advanced Communication Function for VTAM (ACF/VTAM) Network Operating Procedures, SC38-0259.
Contents include: network operator commands, RPL return codes a summary of the ACF/VTAM macro instructions, and SNA (PM, TS, and LU) profiles as implemented by ACF/VTAM.
Prerequisite Publications: none.
Manual, 3 1/2 x 8 1/2 inches, 32 pages, 1/78
SLSS - ORDER NO. SUBSCRIPTION ONLY

SX27-3022

ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5746-RC3 (DOS/VS) REFERENCE SUMMARY
This publication contains selected reference information extracted from the Advanced Communication Function for VTAM (ACF/VTAM) Macro Language Reference, SC38-0261 and the Advanced Communication Function for VTAM (ACF/VTAM) Network Operating Procedures, SC38-0273-0.
Contents include: network operator commands, RPL return codes, a summary of the ACF/VTAM macro instructions, and SNA (PM, TS, and LU) profiles as implemented by ACF/VTAM.
Prerequisite Publications: None
Handbook, 3 1/2 x 8 1/2 inches, 32 pgs, 9/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SX27-3030

ACF/VTAM SNA PROBLEM DETERMINATION HANDBOOK
This handbook describes a general approach to help isolating SNA network problems to a component (ACF/VTAM, NCP, IMS, CICS, JES2, TSO/VTAM, VSPC, and SSS). Twelve network problems and the tools needed to detect these problems are presented. Each problem type discussion describes what should happen, asks questions to determine what did happen, and compares the traces and dumps used to determine where the problem occurred.
Manual, 8 1/2 x 3 3/4 inches, 100 pages, 4/78
///5735-RC2,5746-RC3

GX27-3031

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) LIBRARY REFERENCE SUMMARY
This publication contains a summary of the ACF/VTAM publications, arranged by task. It also contains an information directory by topic to assist the reader in locating information in the ACF/VTAM publications. The publication also explains how to use the ACF/VTAM publications and lists IBM publications that are related to ACF/VTAM.
Reference Summary, 3 5/8 x 8 1/2 inches, 44 pages, 5/78
///5735-RC2,5746-RC3

SX27-3032

ACF/VTAME, LIC PROG 5746-RC7, REFERENCE SUMMARY (CURRENT RELEASE)
This publication lists ACF/VTAME operator commands, start options, macro instructions, and return codes.
Manual, 3 1/2 x 8 1/2 inches, 30 pages, 7/80
///5746-RC7

SX28-0609

OS/VS2 MVS RACF GENERAL USER COMMAND REFERENCE CARD
This card is designed to give the most common user (cr "end user") of RACF a quick reference to the RACF commands. The information on the card is extracted from the OS VS2 MVS Resource Access Control Facility (RACF) Command Language Reference, SC28-0733-2.
Reference card, 8 1/2 x 3 5/8 inches, 6/79
///5740-XXR

GX28-0610

OS/VS MESSAGE LIBRARY: SYSTEM MESSAGES DIRECTORY
This card contains the titles and order numbers of all books that contain messages issued by VS1 and VS2 system components and IEM programs that can be run on a VS1 or VS2 System. The information is indexed by message ID.
Reference card, 8 1/2 x 18 inches, 10 panels, 10/79
//40//5752,5741,5652

GX28-6384

FORTRAN IV REFERENCE CARD
This reference card contains FORTRAN IV information for IEM 1130 System and IBM 1800 System (1130/1800), IEM System/3, IBM System/360 Disk Operating System (DCS), IBM System/360 Operating System (G, H, G1, H Extended, and Code and GO), IBM System/360 Time Sharing System (TSS/360), IBM Call/360-OS (CALL/360), American National Standard FORTRAN, X3.9-1966, and American National Standard Basic FORTRAN, X3.10-1966. This card is intended to be used as a secondary reference. The basic program documentation is the authoritative source and will be the first to reflect any changes and improvements to the FORTRAN IV language.
Fanfold Card, 8 panels, 3-3/4 x 8-1/2 folded size
1131,1800,2030,2040,2044,2050,2065,2067,2075,2091,2025,2085,3195,5410,1801,1802,5406,2022//25//

GX28-6506

IBM SYSTEM/360 BASIC ASSEMBLER SHORT CODING FORM
This form is designed to assist programmers in coding programs in the IBM System/360 special support basic assembler language, as described in (GC28-6503)
Padded Form, 25 to a Pad, 8-1/2 x 11
NOT AVAILABLE UNDER SLSS

GX28-6509

ASSEMBLER CODING FORM
Coding form for entry of source data to be keypunched for Assembler programs. May be used for PL/I or other languages
Padded form, 8 1/2 x 11 inches, u/m 50, 2/80
NOT AVAILABLE UNDER SLSS

GX33-1500

4331 PROCESSOR MODEL GROUP 2 CHANNEL LOAD SUMMARY WORKSHEET
This form is required for calculation of channel loads on the IBM 4331 Processor Model Group 2. Explanations and examples how to fill this worksheet are given in "IBM 4331 Processor Model Group 2 Channel Characteristics" form GA33-1535.
Padded form 11 x 17 inches, U/M 50, 9/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

SX33-6010

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, 5740-XX1, DEBUGGING REFERENCE SUMMARY (CURRENT RELEASE)
This reference summary contains trace table, response codes, transaction attend codes, and storage management information, and descriptions of commonly used storage areas that are useful in debugging a CICS/VS application program written at macro-instruction level. For CICS/VS applications written at command level, the EXEC interface trace table and the EXEC interface control block are usually sufficient.
Reference summary, 3 5/8 x 8 1/2 inches, 48 pages, 5/80
///5746-XX3,5740-XX1

SX33-6011

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, 5740-XX1, MASTER TERMINAL OPERATOR'S REFERENCE SUMMARY (CURRENT RELEASE)
This reference summary contains trace table, response codes, transaction attend codes, and storage management information, and descriptions of commonly used storage areas that are useful in debugging a CICS/VS application program written at macro-instruction level. For CICS/VS applications written at command level, the EXEC interface trace table and the EXEC interface control block are usually sufficient.
Manual, 8 1/2 x 11 inches, 12 pages, 5/80
///5746-XX3,5740-XX1,7799-DBG

GX33

LYA4

GX33-6012

CICS/VS, LIC PROG 5746-XX3, 5740-XX1, APPLICATION PROGRAMS REFERENCE SUMMARY AND COMMAND LANGUAGE (CURRENT RELEASE)
Summarizes the commands and their options required by an application programmer when preparing programs written in assembler language, COBOL, PL/I, or RPG II to be executed on a CICS/DOS/VS or CICS/OS/VS system.
Booklet, 3 5/8 x 8 1/2 inches, 26 pages, 5/80
///5740-XX1,5746-XX3

Reference Card, 8 1/2 x 3 3/4, 12 panels, 12/75
//09/5230,5231/

GX34-0043

5230 DATA COLLECTION SYSTEM 5231 MODEL 3 CONSOLE GUIDE
This console guide contains a quick and easy set of instructions for operating the IBM 5231 Model 3 controller.
Reference card, 8 1/2 x 3 3/4, 10 panels, 12/75
//10/5230,5231/

GX33-6016

8775 DISPLAY TERMINAL PROBLEM REPORT FORM
This document is completed by the customer when a problem occurs that cannot be solved by reference to the Problem Determination Guide or to other customer personnel. The completed form serves as a maintenance aid to service representatives.
Padded form, U/M 25, 8 1/2 x 11 inches, 04/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX35-5014

3800 PRINTING SUBSYSTEM AND TAPE-TO-PRINTING SUBSYSTEM FEATURE REFERENCE SUMMARY
This card summarizes the status codes for various 3800 printer conditions (including status codes for the Tape-To-Printing Subsystem feature), 3800 sense bytes, 3800 channel commands 3410/3411 and 3803/3420 channel commands, and control options for the Tape-To-Printing Subsystem feature. It should be used as a companion publication with IBM 3800 Printing Subsystem Operator's Guide, GA26-1634, Operator/Reference Manual for the IBM 3800 Tape-To-Printing Subsystem Feature, GA26-1654, and Reference Manual for the IBM 3800 Printing Subsystem, GA26-1635.
Reference card
//03/3800/

GX33-6024

7436 PRINTER TROUBLE REPORT FORM
This document is completed by the customer when a problem occurs on the IBM 7436 Printer that cannot be solved by reference to the Problem Determination Guide, or to other customer personnel. The completed form serves as a maintenance aid to service representatives.
Padded form, 8 1/2 x 11 inches, U/M 25, 2 pages, 1/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYA2-5213

DL/I-ENTRY, LIC PROG 5746-XX7, LISTINGS
Contains SCP program listings for DOS/VS as specified in the title.
Microfiche, 12/75
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SX33-8001

OS/VS SORT/MERGE, LIC PROG 5740-SM1, REFERENCE SUMMARY
Provides a summary of the information needed to prepare program and job control statements for the OS/VS Sort/Merge program product. The information is summarized from the Programmer's Guide, SC33-4035 which is the authoritative source.
Fanfold card
///5740-SM1

LYA2-5216

VSE/POWER LIC PROG 5746-XE3 ASSEMBLY LISTINGS (CURRENT RELEASE)
Listings for the program indicated in the title.
Microfiche, reduced 45x, 20 cards, 11/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GX33-8002

DOS/VS SORT/MERGE V2, LIC PROG 5746-SM2, REFERENCE SUMMARY (CURRENT RELEASE)
Provides a summary of the information needed to prepare program and job control statements for the DOS/VS Sort/Merge Version 2 Program Product.
The information is summarized from the Programmer's Guide, SC33-4044, which is the authoritative source.
Reference summary card, fanfold, 14 x 8 1/2 inches (8 panels) 7/77
///5746-SM2

LYA2-5217

VSE/POWER LIC PROG 5746-XE3 RJE FEATURE ASSEMBLY LISTINGS (CURRENT RELEASE)
Listings for the program indicated in the title.
Microfiche, reduced 45x, 20 cards, 11/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GX33-9006

VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1, REFERENCE SUMMARY
This booklet is intended as a convenient, pocket-sized guide to the most essential information needed by a terminal user of the VSE/Interactive Computing and Control Facility (VSE/ICCF). It contains a summary of information from the VSE/Interactive Computing and Control Facility Terminal User's Guide, SC33-6068.
The publication describes the following components of the VSE/ICCF command language: system commands, editor commands, job entry statements and procedures and macros. These commands, statements procedures and macros are listed alphabetically together with a description of their format, functions and operands.
VSE/ICCF is an interactive online computing facility that runs in a computing installation under the control of DOS/VSE with VSE/Advanced Functions. It allows users to conversationally enter and store data and programs from a terminal, to edit and format text data sets and to compile, run and test programs and have the results displayed back at the terminal and/or printed, either at a terminal-associated printer or at the central installation.
Reference Summary, 3 5/8 x 8 1/2 inches, 40 pages, 6/79
///5746-TS1

LYA2-5218

VSE/POWER LIC PROG 5746-XE3 SHARED SFCCING FEATURE ASSEMBLY LISTINGS
Listings for the program indicated in the title.
Microfiche, reduced 45x, 8 cards, 11/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA2-5219

JOB ENTRY PROGRAM (JEP) 5746-XE6 (G49), LISTINGS
This document contains assembler listings for all JEP modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche, 8 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA2-5220

FILE TRANSFER PROGRAM (FTP) 5748-XE6 (G50), LISTINGS
This document contains assembler listing for all FTP modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche, 2 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA2-5221

FILE TRANSFER PROGRAM (FTF) 5748-XE6 (A10), LISTINGS
This document contains assembler listings for all FTF modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche, 1 card
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GX33-9007

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, REFERENCE SUMMARY
This booklet is a convenient, pocket-sized guide to the most essential information for those who need to know about the control statements that relate to VSE/Advanced Functions. It contains a summary of information from VSE/Advanced Functions System Control Statements, SC33-6095.
Reference summary, 3 5/8 x 8 1/2 inches, 40 pages, 7/80
///5746-XE8

LYA4-3001

CICS DOS/VS, PROG PRCD 5746-XX3 V1 R3.0, ASSEMBLER LISTINGS
This document contains assembler listings for all CICS DOS/VS modules and tables supplied in pre-generated form. This document is intended for use by IBM and customer personnel for the detection and correction of program design errors.
Microfiche, 100 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GX34-0041

5230 DATA COLLECTION SYSTEM 5231 MODEL 1 CONSOLE GUIDE
This console guide contains a quick and easy set of instructions for operating the IBM 5231 Model 1 controller.
Reference Card, 8 1/2 x 3 3/4, 10 panels, 12/75
//10/5230,5231/

LYA4-3003

CICS DOS/VS PROG 5746-XX3 VER 1 REI 4.0 LISTINGS
This document contains assembler listings for all System/370 CICS DOS/VS modules and tables supplied in pre-generated

GX34-0042

IBM 5230 DATA COLLECTION SYSTEM 5231 MODEL 2 CONSOLE GUIDE
This console guide contains a quick and easy set of instructions for operating the IBM 5231 Model 2 controller.

- form. This document is intended for use by IBM and customer personnel for the detection and correction of program design errors.
Microfiche, 100 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYA4-3004
CICS-OS/VS, 5740-XX1 V1 LISTINGS (CURRENT RELEASE)
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche, 100 cards, 8/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYA4-3005
CUSTOMER INFORMATION CONTROL SYSTEM - DISK OPERATING SYSTEM/VIRTUAL STORAGE (CICS DOS/VS), LIC PROG 5746-XX3, LISTINGS (CURRENT RELEASE)
This document contains assembler listings for all CICS DOS/VS modules and tables supplied in pre-generated form. This document is intended for use by IBM and customer personnel for the detection and correction of program design errors.
Microfiche, reduced 45x, 201 cards, 5/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYA4-3006
CICS-OS/VS, 5740-XX1 V1 LISTINGS (CURRENT RELEASE)
This document contains assembler listings for all CICS OS/VS modules and tables supplied in pre-generated form. This document is intended for use by IBM and customer personnel for the detection and correction of program design errors.
Microfiche, 103 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYA4-3007
CUSTOMER INFORMATION CONTROL SYSTEM - DISK OPERATING SYSTEM/VIRTUAL STORAGE (CICS DOS/VS), LIC PROG 5746-XX3 LISTINGS (CURRENT RELEASE)
This document contains assembler listings for all CICS DOS/VS modules and tables supplied in pre-generated form. This document is intended for use by IBM and customer personnel for the detection and correction of program design errors.
Microfiche, reduced 45x
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYA4-3008
CICS/OS/VS LISTINGS
Microfiche listings for CICS/OS/VS1.
the title.
Microfiche, reduced 45x, 77 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYA4-3200
CICS DOS/VS
Microfiche for the program mentioned in the title.
Microfiche, 54 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYA4-3201
CICS/DOS/VS, LIC PROG 5746-XX3, LISTINGS
Microfiche for item mentioned in title, Version 1 Release 5.
Microfiche, 2/81 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYA9-6142
ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE/VM, LIC PROG 5748-XXK FOR VM/CMS, LISTINGS
IPF source code and BAL listings of ELIAS-I/VM functions, with editors, bricks, skeletons, panels, tables and messages in all supported languages.
Microfiche, reduced 45x, 31 cards, 4/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYB0-2385
TCS-ACF - SOURCE LISTINGS
This microfiche contains listings of the program shown in the title.
Microfiche, 15 cards, 10/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYB0-2449
TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATION FUNCTION (TCS-ACF), LIC PROG 5740-XY3, NETWORKING VERSION 2 SOURCE LISTINGS
This microfiche contains the source listings for this program for S/370 using OS/VS1 or OS/VS2.
Microfiche, 7 cards, 6/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYB0-2450
TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATION FUNCTION (TCS-ACF), LIC PROG 5740-XX3, BASE V2 SOURCE LISTING (MICROFICHE)
This microfiche contains the source listings for this S/370 program which runs under OS/VS1 or OS/VS2.
Microfiche, 16 cards, 6/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYB0-2473
DMS/CICS/VS DOS APPLICATION GENERATION FEATURE, LIC PROG 5746-XX4 LISTINGS (CURRENT RELEASE)
Source listings for the DMS/CICS/VS - DOS - Application Generation Feature Microfiche.
Microfiche, 1 card, 4/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYB0-2475
DMS/CICS/VS OS, LIC PROG 5740-XX5, LISTINGS
Source Listings for the DMS/CICS/VS - OS Microfiche.
Microfiche, 15 cards, 4/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYB0-2477
INTERACTIVE PRODUCT FACILITY SOURCE LOGIC LISTINGS
This microfiche contains listings of the program shown in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYB0-2478
INTERACTIVE PRODUCT FACILITY SOURCE LOGIC LISTINGS
This microfiche contains listings of the program shown in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYB0-2481
SYSTEM PRODUCTIVITY FACILITY (SPF) MVS/ISO, LIC PROG 5668-009 LISTINGS (CURRENT RELEASE)
Source listings for the TSO 3270 SPF program.
Microfiche, reduced 45x, 53 cards, 10/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYB0-2482
SUPPORT AND STRUCTURED PROGRAMMING FACILITY CONVERSATIONAL MONITOR SYSTEM LIC PROG 5748-XT3 LISTINGS (CURRENT RELEASE)
Microfiche Source listings for this product.
Microfiche, 50 cards, 11/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYB0-2485
INTERACTIVE PRODUCTIVITY FACILITY (DOS/VSE FEATURE) - PLM/PANELS, LIC PROG 5748-MS1
This is the microfiche covering the (DOS/VSE Feature) PLM Panels for Interactive Productivity Facility.
Microfiche, 4 cards, 8/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYB0-2486
INTERACTIVE PRODUCTIVITY FACILITY (DOS/VSE FEATURE), SOURCE LISTINGS
This is the microfiche covering the (DOS/VSE Feature) Source Assembly Listings for Interactive Productivity Facility.
Microfiche, 3 cards, 8/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYB0-2487
INTERACTIVE PRODUCTIVITY FACILITY (VM/DOS/VSE FEATURE) - PLM/PANELS, LIC PROG 5748-MS1
This is the PLM/Panels used in conjunction with the Interactive Productivity Facility program.
Microfiche, 6 cards, 10/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYB0-2488
INTERACTIVE PRODUCTIVITY FACILITY (VM/DOS/VSE FEATURE) SOURCE LISTINGS, LIC PROG 5748-MS1
These are the source listings used in conjunction with the Manuals for Interactive Productivity Facility program.
Microfiche, 5 cards, 10/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYB0-2492
JES3 NETWORKING RELEASE 1, MODIFICATION LEVEL 0, LISTINGS
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche, reduced 45x, 11 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYB0-2516
DMS/CICS/VS, LIC PROG 5740-XX5, OS/BASE
This is the microfiche for the DMS/CICS/VS - OS/VS Base Program.
Microfiche, 24 cards, 2/81
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LYB0-2517
DMS/CICS/VS, LIC PROG 5740-XX5, OS/FEATURE
This is the microfiche for the DMS/CICS/VS - OS/VS Feature Program.
Microfiche, 52 cards, 2/81
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

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LYB0-2518

DMS/CICS/VS, LIC PROG 5746-XC4, DOS/BASE, LISTINGS
This is the microfiche for DMS/CICS/VS DOS/VS Base.
Microfiche, 21 cards, 3/81
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-2519

DMS/CICS/VS, LIC PROG 5746-XC4, DOS/FEATURE, LISTINGS
This is the microfiche for the DMS/CICS/VS DOS/VS Application Generation feature.
Microfiche, 32 cards, 3/81
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYB0-2540

VSE SYSTEM IPO/E & SYSTEM IPO VSE SUPERVISOR ASSEMBLY LISTINGS
This microfiche contains the assembly listings for the subject project.
Microfiche, reduced 45x, 18 cards, 7/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYB0-8016

IMS/VS V1 SYSTEM LISTINGS PROG PROD 5740-XX2
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-8017

IMS/VS V1 DATA COMMUNICATION FEATURE LISTINGS PROG PROD 5740-XX2
Contains Type I OS program listings as specified in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-8038

IMS/VS V1 MSC LISTINGS, LIC PROG 5740-XX2
Listings for the above OS/VS1 and/or OS/VS2 program.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-8040

VS APL PROGRAM LISTINGS, PROG PROD 5748-API
Microfiche listings for Program Product in title. Available to each licensee under the licensing agreement from IBM Program Control Center. Available to IBM personnel from IBM Distribution Center.
Microfiche, 4/76
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-8044

VSPC FORTRAN, LIC PROG 5748-FO2, PROGRAM LISTINGS
Microfiche listings for Program Product in title. Available to each licensee under the licensing agreement from IBM Program Control Center. Available to IBM personnel from IBM Distribution Center.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-8056

VS TSO 5740-XR9
This microfiche contains listings of the program shown in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYB4-5156

OS/VS1 I/O SUPERVISOR LOGIC (MICROFICHE EDITION)
This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract for SY24-5156-0, same title as above.
Microfiche, 2/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYB4-5160

OS/VS1 IPL AND NIP LOGIC (MICROFICHE EDITION)
This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract for SY24-5160-0, same title as above.
Microfiche, 2/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYB4-6102

VSE/VSAM LIC PROG 5746-AM2 SOURCE LISTINGS (CURRENT RELEASE)
Microfiche program listings of modules and macros for VSE/VSAM Release 2.0 5746-AM2.
Microfiche, reduced 45x, 82 cards, 11/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB4-6103

VSE/VSAM HLP1, LIC PROG 5746-XX1-80 (CURRENT RELEASE)
Microfiche program listings and index of basic routines and macros for DL/I DOS/VS Version 1.05 HLP1 ICR 5746-XX1-C0, a licensed IBM program product.
Microfiche, reduced 45x, 40 cards, 04/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB4-6104

VSE/VSAM SPACE MANAGEMENT SAM FEATURE, LIC PROG 5746-AM2, LISTINGS
Microfiche program listings of modules and macros for VSE/VSAM Space Management Sam Feature 5746-AM2, a licensed IBM program product.
Microfiche, reduced 45x, 10 cards, 11/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYB8-0672

OS/VS1 DYNAMIC SUPPORT SYSTEM LOGIC (MICROFICHE EDITION)
This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract of SY28-0672, same title as above.
Microfiche, 2/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYB8-0907

OS/VS2 MVS RESOURCE MEASUREMENT FACILITY (RMF) VERSION 2 RELEASE 4, LIC PROG 5740-XY4, DIRECTORY LISTINGS
This publication contains directory reference information. This publication contains directory reference information about the contents and organization of the program product OS/VS2 MVS Resource Measurement Facility (RMF) Version 2 Release 4. A directory shows the relationship between load modules, CSECT names or reference names, entry point names and alias names. This publication is intended primarily for IBM Programming Support Representatives for use in installing and debugging this program product. The user of this product should have a working knowledge of OS/VS2 functions and logic.
A directory shows the relationship between load module names, CSECT names or reference names, entry point names and alias names. This publication is intended primarily for IBM Programming Support Representatives for use in installing and debugging this program product. The user of this product should have a working knowledge of OS/VS2 functions and logic.
Microfiche, 45x, 1 card, 12/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-0909

OS/VS2 MVS RESOURCE MANAGEMENT FACILITY (RMF), LIC PROG 5740-XY4, DATA AREA USAGE TABLE, LISTINGS (CURRENT RELEASE)
This publication provides OS/VS2 MVS Data Area Usage Table information for use in installing and debugging the program product OS/VS2 MVS Resource Measurement Facility (RMF) Version 2 Release 4. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche, reduced 45x, 1 card, 12/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-0910

OS/VS2 MVS RESOURCE MANAGEMENT FACILITY (RMF), LIC PROG 5740-XY4, SYMBOL USAGE TABLE, LISTINGS (CURRENT RELEASE)
This publication provides OS/VS2 MVS Symbol Usage Table information for use in installing and debugging the program product OS/VS2 MVS Resource Measurement Facility (RMF) Version 2 Release 4. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche, reduced 45x, 1 card, 12/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-1019

OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT DATA AREAS
This publication provides OS/VS2 Cryptographic Unit Support Data Areas for use in installing and debugging the program product OS/VS2 MVS Cryptographic Unit Support. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche, reduced 45x, 1 card
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-1020

OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT DIRECTORY
This publication contains directory reference information about the contents and organization of the program product OS/VS2 MVS Cryptographic Unit Support. A directory shows the relationship between load module names, CSECT names or reference names, entry point names and alias names. This publication is intended primarily for IBM Programming Support Representatives for use in installing and debugging this program product. The user of this product should have a working knowledge of OS/VS2 functions and logic.
Microfiche, reduced 45x, 1 card
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8

LYB8

LYB8-1021

OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT, LIC PROG 5740-XY6, SYMBOL USAGE TABLE
This publication provides OS/VS2 MVS Symbol Usage Table information for use in installing and debugging the program product OS/VS2 MVS Cryptographic Unit Support. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche, reduced 45x, 1 card, 5/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

shows the relationship between load module names, CSECT names or reference names, entry point names and alias names. This publication is intended primarily for IBM Programming Support Representatives for use in installing and debugging this program product. The user of this product should have a working knowledge of OS/VS2 functions and logic.
Microfiche, reduced 45x, 1 card, 7/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-1040

LYB8-1022

OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT, LIC PROG 5740-XY6, DATA AREA USAGE TABLE
This publication provides OS/VS2 MVS Data Area Usage Table information for use in installing and debugging the program product OS/VS2 MVS Cryptographic Unit Support. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche, reduced 45x, 1 card, 5/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

OS/VS2 MVS/SYSTEM PRODUCT JES2 RELEASE 1 SYMBOL USAGE TABLE, LIC PROG 5740-XY6, LISTINGS
This publication provides OS/VS2 MVS Symbol Usage Table information for use in installing and debugging the program product OS/VS2 MVS/System Product - JES2 Release 1. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche, reduced 45x, 1 card, 7/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYB8-1023

OS/VS2 SVS RELEASE 1.7 DATA AREAS, MICROFICHE LISTINGS
This microfiche contains listings of the program shown in the title.
Microfiche, reduced 45x, 4 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-1041

OS/VS2 MVS/SYSTEM PRODUCT JES2 RELEASE 1 DATA AREA USAGE TABLE, LIC PROG 5740-XY6, LISTINGS
This publication provides OS/VS2 Data Area Usage Table information for use in installing and debugging the program product OS/VS2 MVS/System Product - JES2 Release 1. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche, reduced 45x, 1 card, 7/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-1034

OS/VS2 MVS/SYSTEM PRODUCT - JES3 RELEASE 1 DATA AREAS LISTINGS
This publication provides OS/VS2 MVS Data Areas for use in installing and debugging the program product OS/VS2 MVS/System Product - JES2 Release 1. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche, reduced 45x, 2 cards, 7/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-1051

OS/VS2 MVS/SYSTEM PRODUCT JES2 RELEASE 2 DATA AREAS, LIC PROG 5740-XY6, LISTINGS
This publication provides OS/VS2 MVS Data Areas for use in installing and debugging the program product OS/VS2 MVS/System Product - JES2 Release 2. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche, reduced 45x, 8 cards, 12/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-1035

OS/VS2 MVS/SYSTEM PRODUCT JES3 RELEASE 1, LIC PROG 5740-XYN, DIRECTORY LISTINGS
This publication contains directory reference information about the contents and organization of the program product OS/VS2 MVS/System Product - JES2 Release 1. A directory shows the relationship between load module names, CSECT names or reference names, entry point names and alias names. This publication is intended primarily for IBM Programming Support Representatives for use in installing and debugging this program product. The user of this product should have a working knowledge of OS/VS2 functions and logic.
Microfiche, reduced 45x, 1 card, 7/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYR8-1052

OS/VS2 MVS/SYSTEM PRODUCT JES2 RELEASE 2, LIC PROG 5740-XY6, DATA AREA USAGE TABLE
This publication provides OS/VS2 Data Area Usage Table information for use in installing and debugging the program product OS/VS2 MVS/System Product - JES2 Release 2. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche, reduced 45x, 1 card, 12/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-1036

OS/VS2 MVS/SYSTEM PRODUCT JES3 RELEASE 1 SYMBOL USAGE TABLE, LIC PROG 5740-XYN, LISTINGS
This publication provides OS/VS2 MVS Symbol Usage Table information for use in installing and debugging the program product OS/VS2 MVS/System Product - JES2 Release 1. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche, reduced 45x, 1 card, 7/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-1053

OS/VS2 MVS/SYSTEM PRODUCT JES2, LIC PROG 5740-XY6, RELEASE 2 DIRECTORY, LISTINGS
This publication contains directory reference information about the contents and organization of the program product OS/VS2 MVS/System Product - JES2 Release 2. A directory shows the relationship between load module names, CSECT names or reference names, entry point names and alias names. This publication is intended primarily for IBM Programming Support Representatives for use in installing and debugging this program product. The user of this product should have a working knowledge of OS/VS2 functions and logic.
Microfiche, reduced 45x, 2 cards, 12/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-1037

OS/VS2 MVS/SYSTEM PRODUCT JES3 RELEASE 1 DATA AREA USAGE TABLE, LIC PROG 5740-XYN, LISTINGS
This publication provides OS/VS2 Data Area Usage Table information for use in installing and debugging the program product OS/VS2 MVS/System Product - JES2 Release 1. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche, reduced 45x, 1 card, 7/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-1054

OS/VS2 MVS/SYSTEM PRODUCT JES2 RELEASE 2, LIC PROG 5740-XY6, SYMBOL USAGE TABLE
This publication provides OS/VS2 MVS Symbol Usage Table information for use in installing and debugging the program product OS/VS2 MVS/System Product - JES2 Release 2. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche, reduced 45x, 1 card, 12/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-1038

OS/VS2 MVS/SYSTEM PRODUCT - JES2 REL 1 DATA AREAS
This publication provides OS/VS2 MVS Data Areas for use in installing and debugging the program product OS/VS2 MVS/System Product - JES2 Release 1. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche, reduced 45x, 2 cards, 7/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-1055

OS/VS2 MVS/SYSTEM PRODUCT JES3 RELEASE 2 DATA AREAS, LIC PROG 5740-XYN, LISTINGS
This publication provides OS/VS2 MVS Data Areas for use in installing and debugging the program product OS/VS2 MVS/System Product - JES3 Release 2. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche, reduced 45x, 12/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-1039

OS/VS2 MVS/SYSTEM PRODUCT JES2 RELEASE 1, LIC PROG 5740-XY6, DIRECTORY LISTINGS
This publication contains directory reference information about the contents and organization of the program product OS/VS2 MVS/System Product - JES2 Release 1. A directory

LYB8

LYC7

LYB8-1056

OS/VS2 MVS/SYSTEM PRODUCT-JES3 RELEASE 2, LIC PROG 5740-XYN, DATA AREA USAGE TABLE
This publication provides OS/VS2 Data Area Usage Table information for use in installing and debugging the program product OS/VS2 MVS/System Product - JES3 Release 2. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche, reduced 45x, 1 card, 12/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SLSS - ORDER NO. SUBSCRIPTION ONLY

LYC7-0463

VSE/ADVANCED FUNCTIONS REL 1.0 MICROFICHE LISTINGS
This document contains assembler listings for all VSE/Advanced Function Modules and the PL/S Source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche, 31 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-1057

OS/VS2 MVS/SYSTEM PRODUCT JES3 RELEASE 2 DIRECTORY, LIC PROG 5740-XYN, LISTINGS
This publication contains directory reference information about the contents and organization of the program product OS/VS2 MVS/System Product - JES3 Release 2. A directory shows the relationship between load module names, CSECT names or reference names, entry point names and alias names. This publication is intended primarily for IBM Programming Support Representatives for use in installing and debugging this program product. The user of this product should have a working knowledge of OS/VS2 functions and logic.
Microfiche, reduced 45x, 2 cards, 12/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-0464

DOS/VSE INTERACTIVE COMPUTING AND CONTROL FACILITY LIC PROG 5746-TS1, MICROFICHE LISTINGS
This document contains assembler listings for all VSE/ICCF modules and the PL/S source used to generate these listings. This document is intended for use by IBM personnel for the correction of program design errors.
Microfiche, 44 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB8-1058

OS/VS2 MVS/SYSTEM PRODUCT-JES3 RELEASE 2, LIC PROG 5740-XYN, SYMBOL USAGE TABLE
This publication provides OS/VS2 MVS Symbol Usage Table information for use in installing and debugging the program product OS/VS2 MVS/System Product - JES3 Release 2. The user of this publication should have a working knowledge of OS/VS2 functions and logic. It is intended primarily for IBM Programming Support Representatives.
Microfiche, reduced 45x, 1 card, 12/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYC7-0466

DOS/VSE 3031 PROCESSOR ICR 5745-010 MICROFICHE LISTINGS
Microfiche assembler listings for DOS/VSE IBM 3031 Processor ICR modules.
Microfiche
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYC7-0467

DOS/VSE 3031 PROCESSOR ICR 5746-XE2 MICROFICHE LISTINGS
Microfiche assembler listings for DOS/VSE IBM 3031 Processor ICR modules.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYB8-6849

OS/VS1 RES RTM & WORKSTATION SUPPORT LOGIC (MICROFICHE)
This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract for SY28-6849-0, same as title above.
Microfiche, 2/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYC7-0468

VSE/ICCF REL 2, LIC PROG 5746-TS1 (G73), LISTINGS (CURRENT RELEASE)
Microfiche Assembler Listings for all VSE/ICCF modules.
Microfiche, 65 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC0-9007

VM LISTING PLC 00
VM Listings.
Microfiche, 10 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-0469

VSE/AF FAST COPY DATA SET PROGRAM, LIC PROG 5746-AM4, LISTINGS (CURRENT RELEASE)
Microfiche Assembler Listings for VSE/AF fast copy data set modules.
Microfiche, 4 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC0-9010

VM/370 LISTINGS RELEASE 2 LOGIC
This microfiche contains listings of the program shown in the title.
Microfiche
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-0470

VSE VSAM BACKUP RESTORE
Microfiche listings for VSE VSAM Backup Features.
Microfiche, reduced 45x, 12 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC0-9012

VM/SYSTEM PRODUCT PP (CP) 5664-167, LISTINGS
Microfiche for all purchasers of this product.
Microfiche, reduced 45x, 77 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-0471

VSE OPER COMMUNICATION CONTROL FACILITY
Microfiche listings for program indicated in title.
Microfiche, reduced 45x, 5 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC0-9013

VM/SYSTEM PRODUCT PP (CP-AP AND MF) 5664-167, LISTINGS
Microfiche for all purchasers of this product.
Microfiche, reduced 45x, 45 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-0904

OS/VSE SORT/MERGE 3-1 LISTINGS, LIC PROG 5740-SM1
The microfiche cards contain program listings of all modules of OS/VSE Sort/Merge, 5740-SM1. Together with the program logic manual for OS/VSE Sort/Merge order no. LY33-8042, they are intended for use by field engineering in support of the program.
Microfiche, 285 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC0-9014

VM/SYSTEM PRODUCT PP (CMS) 5664-167, LISTINGS
Microfiche for all purchasers of this product.
Microfiche, reduced 45x, 43 cards
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-0905

DOS SORT/MERGE V2 LIC PROG 5746-SM2 LISTINGS (CURRENT RELEASE)
These microfiche cards contain program listings of all modules of DOS/VSE Sort/Merge, 5746-SM2. Together with the program logic manual for DOS/VSE Sort/Merge, LY33-8044, they are intended for use by field engineering in support of the program.
Microfiche, 38 cards, 10/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYC0-9017

VM/370 SCP (CP-UP/AP) 5749-010 LISTINGS
Microfiche for all purchasers of this product.
Microfiche, reduced 45x, 6 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1965

DOS/VSE & DOS/VSE MASTER INDEX
Master Index
Master index, 3 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC0-9018

VM/370 SCP (CMS) 5749-010, LISTINGS
Microfiche for all purchasers of this product.
Microfiche, reduced 45x, 4 cards
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYC7-2010

VSE/AF REL. 2.0 ATTENTION ROUTINES 5745-SC-AIT (G13), LISTINGS (CURRENT RELEASE)
Microfiche assembler listings for all VSE/AF attention routines modules.

SYC0-9019

VM/SP INDEX
Contains microfiche listings for the program indicated in the title.
Microfiche

LYC7

Microfiche, 3 cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2011

VSE/AF REL. 2.0 ASSEMBLER 5745-SC-ASM (G13), LISTINGS (CURRENT RELEASE)
Microfiche assembler listings for all VSE/AF assembler modules
Microfiche, 11 Cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2012

VSE/AF RELEASE 2 CHECKPOINT/RESTART 5745-SC-CKR (G13), LISTINGS (CURRENT RELEASE)
Microfiche assembler listing for all VSE/AF checkpoint/restart Modules.
Microfiche, 2 cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2013

VSE/AF REL. 2.0 DIRECT ACCESS METHOD 5745-SC-DAM (G13), LISTINGS (CURRENT RELEASE)
Microfiche assembler listings for all VSE/AF direct access method modules.
Microfiche, 1 card, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2014

VSE/AF REL. 2.0 DYNAMIC DUMP UTILITY 5745-SC-DDU (G13), LISTINGS (CURRENT RELEASE)
Microfiche assembler listings for all VSE/AF dynamic dump utility modules.
Microfiche, 1 card, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2015

VSE/AF REL. 2.0 DISKETTE IOCS 5745-SC-DIO (G13), LISTINGS (CURRENT RELEASE)
Microfiche assembler listings for all VSE/AF Diskette IOCS modules.
Microfiche, 2 cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2016

VSE/AF REL. 2.0 DISTRIBUTION PROGRAM 5745-SC-DIS (G13), LISTINGS (CURRENT RELEASE)
Microfiche assembler listings for all VSE/AF distribution prog. modules.
Microfiche, 1 card, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2017

VSE/AF REL. 2.0 DISK ERROR RECOVERY PROCEDURES 5745-SC-DKE (G13), LISTINGS (CURRENT RELEASE)
Microfiche assembler listings for all VSE/AF DKE modules.
Microfiche, 1 card, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2018

VSE/AF REL. 2.0 DISPLAY OPERATOR CONSOLE 5745-SC-DOC (G13), LISTINGS (CURRENT RELEASE)
Microfiche assembler listings for all VSE/AF DOC modules.
Microfiche, 3 cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2019

VSE/AF REL. 2.0 DEVICE SUPPORT FACILITIES 5745-SC-DSF (G13) LISTINGS (CURRENT RELEASE)
Microfiche assembler listings for all VSE/AF DSF Modules.
Microfiche, 21 cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2020

VSE/AF REL. 2.0 SEQUENTIAL DISK IOCS 5745-SC-DSK (G13), LISTINGS (CURRENT RELEASE)
Microfiche assembler listings for all VSE/AF Sequential Disk IOCS Modules.
Microfiche, 7 cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2021

VSE/AF REL. 2.0 EREP1 5745-SC-ER1 (G13), LISTINGS (CURRENT RELEASE)
Microfiche assembler listings for all VSE/AF EREP1 Modules.
Microfiche, 40 cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2022

VSE/AF REL. 2.0 COMPILER I/O MODULES 5745-SC-IOM (G13), LISTINGS (CURRENT RELEASE)
Microfiche assembler listings for all VSE/AF IOM Modules.
Microfiche, 22 cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

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LYC7-2023

VSE/AF REL. 2.0 IOCS AND DEVICE INDEPENDENT I/O 5745-SC-IOX LISTINGS (CURRENT RELEASE)
Microfiche assembler listings for all VSE/AF IOX Modules.
Microfiche, 21 cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2024

VSE/AF REL 2.0 IPI AND BUFFER LOAD 5745-SC-IPL (G13), LISTINGS (CURRENT RELEASE)
Microfiche Assembler Listings for all VSE/AF IPL modules.
Microfiche, 4 cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2025

VSE/AF REL 2.0 ISAM 5745-SC-ISI (G13), LISTINGS (CURRENT RELEASE)
Microfiche assembler Listings for all VSE/AF ISAM modules.
Microfiche, 2 cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2026

VSE/AF REL 2.0 JOB CONTROL 5745-SC-JCL (G13), LISTINGS (CURRENT RELEASE)
Microfiche Assembler Listings for all VSE/AF Job Control modules.
Microfiche, 6 cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2027

VSE/AF REL 2.0 LIBRARIAN 5745-SC-LBR (G13), LISTINGS (CURRENT RELEASE)
Microfiche Assembler Listings for all VSE/AF Librarian modules.
Microfiche, 17 cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2028

VSE/AF REL 2.0 LINKAGE EDITOR 5745-SC-LNK (G13), LISTINGS (CURRENT RELEASE)
Microfiche Assembler Listings for all VSE/AF Linkage Editor modules.
Microfiche, 1 card, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2029

VSE/AF REL 2.0 MAGNETIC CHARACTER RECOGNITION IOCS 5745-SC-MCR (G13), LISTINGS (CURRENT RELEASE)
Microfiche, Assembler Listings for all VSE/AF MCR modules.
Microfiche, 1 card, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2030

VSE/AF REL 2.0 OPTICAL CHARACTER RECOGNITION IOCS 5745-SC-OCR (G13), LISTINGS (CURRENT RELEASE)
Microfiche Assembler Listings for all VSE/AF OCR modules.
Microfiche, 1 card, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2031

VSE/AF REL 2.0 ONLINE TEST EXECUTIVE PROGRAM 5745-SC-CIT (G13), LISTINGS (CURRENT RELEASE)
Microfiche Assembler Listings for all VSE/AF OIIEP modules.
Microfiche, 3 cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2032

VSE/AF REL 2.0 PROBLEM DETERMINATION AIDS 5745-SC-PDA (G13), LISTINGS (CURRENT RELEASE)
Microfiche Assembler Listings for all VSE/AF PDA modules.
Microfiche, 25 cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2033

VSE/AF REL 2.0 PAPER TAPE IOCS 5745-SC-PTF (G13), LISTINGS (CURRENT RELEASE)
Microfiche Assembler Listings for all VSE/AF Paper Tape IOCS modules.
Microfiche, 1 card, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2034

VSE/AF REL 2.0 RECOVERY MANAGEMENT SUPPORT 5745-SC-RMS (G13) LISTINGS (CURRENT RELEASE)
Microfiche Assembler Listings for all VSE/AF RMS modules.
Microfiche, 3 cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2035

VSE/AF REL 2.0 SPECIFIC DEVICE SUPPORT 5745-SC-SDS (G13), LISTINGS (CURRENT RELEASE)
Microfiche Assembler Listings for all VSE/AF SDS modules.
Microfiche, 1 card, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

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LYC7-2036

VSE/AF REL 2.0 SUPERVISOR 5745-SC-SUP (G13), LISTINGS (CURRENT RELEASE)
Microfiche Assembler Listings for all VSE/AF supervisor modules.
Microfiche, 14 cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2037

VSE/AF REL. 2.0 MAGNETIC TAPE IOCS 5745-SC-TAP (G13), LISTINGS (CURRENT RELEASE)
Microfiche assembler listings for all VSE/AF magnetic tape IOCS modules.
Microfiche, 2 cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2038

VSE/AF REL. 2.0 TAPE ERROR RECOVERY PROCEDURES 5745-SC-TPE LISTINGS (CURRENT RELEASE)
Microfiche assembler listings for all VSE/AF TPE modules.
Microfiche, 2 cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2039

VSE/AF REL. 2.0 SYSTEM UTILITY PROGRAM 5745-SC-UTL (G13), (G13) LISTINGS (CURRENT RELEASE)
Microfiche assembler listings for all VSE/AF UTL modules.
Microfiche, 13 cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC7-2040

VSE/AG REL. 2.0 MAINTAIN SYSTEM HISTORY 5745-SC-UTS (G13), LISTINGS (CURRENT RELEASE)
Microfiche assembler listings for all VSE/AF UTS modules.
Microfiche, 31 cards, 12/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYC8-0975

OSIP GENERAL INDEX
Thru tape 8105.
Microfiche, reduced 45x, 1/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYC9-0252

PTF SVS/OS ACF/VTAM 7912
Contains microfiche listings for the program indicated in the title.
Microfiche, reduced 45x, 23 cards

LYC9-9205

MVS/OS NCCP 5735-XX6 IBOF-7645 (TAPE 8006)
Contains PTFs:
UZ30837 UZ30951 UZ31040 UZ31149
UZ30838 UZ30952 UZ31041
Microfiche, reduced 45x,
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC9-9256

MVS/OS ACF/TCAM V2 R1 IBOF-9140 (TAPE 8006)
Contains PTFs:
UZ30210 UZ30954 UZ31072 UZ31199 UZ31285 UZ31356
UZ30551 UZ30958 UZ31076 UZ31201 UZ31286 UZ31357
UZ30696 UZ30959 UZ31077 UZ31202 UZ31291 UZ31394
UZ30736 UZ30963 UZ31083 UZ31203 UZ31292 UZ31395
UZ30865 UZ30964 UZ31099 UZ31211 UZ31294 UZ31399
UZ30866 UZ30965 UZ31102 UZ31212 UZ31326 UZ31400
UZ30881 UZ30978 UZ31106 UZ31219 UZ31327 UZ31411
UZ30883 UZ30988 UZ31108 UZ31220 UZ31331 UZ31414
UZ30891 UZ30990 UZ31109 UZ31221 UZ31332 UZ31469
UZ30894 UZ31043 UZ31135 UZ31222 UZ31340 UZ31472
UZ30921 UZ31045 UZ31136 UZ31223 UZ31353 UZ31474
UZ30932 UZ31046 UZ31138 UZ31246 UZ31354 UZ31477
UZ30934 UZ31070 UZ31198 UZ31277
Microfiche, reduced 45x
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYC9-9500

MVS/OS SU91 HOST COMMAND FACILITY FOR VTAM 5735-XR1 IBOF-9148 (TAPE 8006)
Contains PTFs:
UZ30346 UZ30350 UZ30727 UZ30852
UZ30348 UZ30351 UZ30732 UZ30853
UZ30349 UZ30352 UZ30762
Microfiche, reduced 45x
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY12-5028

VSE/POWER, LIC PROG 5746-XE3, FEATURES 6066-6071, 6075-6079 LOGIC, PART 2 (CURRENT RELEASE)
This publication provides information on the internal operation of VSE/POWER. It is intended for use by persons involved in program maintenance and by system programmers who intend to alter the program design.
VSE/POWER, a successor to POWER/VS of earlier DOS/VS releases, services input and output requests addressed to unit record devices at disk input/output speeds. The reading of data from, or the writing of data to, unit-record devices is carried out by VSE/POWER while other jobs are being executed.
This part of the VSE/POWER Program Logic Manual describes the method of operation. The method of operation of the optional Remote Job Entry Feature is described in Part 3 (LY12-5034). The remainder of the internal operation description of VSE/POWER is contained in Part 1 (LY12-5027).
Manual, 8 1/2 x 11 inches, 810 pages, 11/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY12-5031

SYSTEM/370 AND 4300 PROCESSORS JOB ENTRY PROGRAM, LIC PROG 5746-XE6, LOGIC
The Job Entry Program is a program product designed to assist in interconnecting one or more decentralized computing systems. With the Job Entry Program, jobs may be transferred for processing from one installation to another, thus enabling the user, for example, to utilize resources such as data bases, programs, or peripheral devices available only at the receiving location.
This manual provides information on the internal operation of the Job Entry Program. It is intended for use by persons involved in program maintenance.
The reader of this manual should be familiar with the Program Products and publications as shown in the Preface.
Manual, 8 1/2 x 11 inches, 196 pages, 03/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY12-5033

SYSTEM/370 AND 4300 PROCESSORS FILE TRANSFER PROGRAM LIC PROG 5748-XE6, LOGIC
The File Transfer Program is a program product designed to support the functions of the IBM Job Entry Program, Program Number 5746-XE6, enabling the transfer of files between one or more decentralized systems.
This manual provides information on the internal operation of the File Transfer Program. It is intended for use by persons involved in program maintenance.
The reader of this manual should be familiar with the Program Products and publications as shown in the Preface and the Bibliography.
Manual, 8 1/2 x 11 inches, 48 pages, 03/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY12-5034

VSE/POWER, LIC PROG 5746-XE3, LOGIC (PART 3) (CURRENT RELEASE)
This publication provides information on the internal operation of VSE/POWER. It is intended for use by persons involved in program maintenance and by system programmers who intend to alter the program design.
VSE/POWER, a successor to POWER/VS of earlier DOS/VS releases, services input and output requests addressed to unit record devices at disk input/output speeds. The reading of data from, or the writing of data to, unit-record devices is carried out by VSE/POWER while other jobs are being executed.
This part of the VSE/POWER Program Logic Manual describes the method of operation of the optional Remote Job Entry Feature. The method of operation of the remainder of VSE/POWER is described in Part 2 (LY12-5028). The internal operation of VSE/POWER, with the exception of its method of operation, is described in Part 1 (LY12-5027).
Readers of this manual should be thoroughly familiar with the use of DOS/VS.
Manual, 8 1/2 x 11 inches, 402 pages, 2/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GX19-0010

KWIC INDEX - MAINTENANCE LIBRARY
This KWIC (key-word-in-context) Index lists publications used by IBM customer engineers and available for distribution or sale to others involved in the maintenance of IBM data processing systems. It is the World Trade edition of the IBM Maintenance Library KWIC Index.
Manual, 100 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY19-6049

X25 PACKET SWITCHING ATTACHMENT FOR NCP VERSION 5 PRPQ 2A4239 - RPQ XE2060 LIC PROG 5799-ARJ, LOGIC
This publication describes PRPQ 2A4239 required with the NCP to connect SNA Host Systems to the Canadian and French packet switching networks, and PRPQ 2D2060 required with the NCP to connect the SNA Host Systems to the Nord Rhein Westfalen private German network.
Manual, 8 1/2 x 11 inches, 374 pages, 02/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY19-6060

SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM, LIC PROG 5740-XYF, 5746-XTT, LOGIC
Screen Definition Facility/Customer Information Control System is an interactive application development tool for the CICS/VS application programmer who wants to define or change map sets for the CICS/VS Basic Mapping Support (EMS). Screen Definition Facility/CICS provides the application programmer with a full screen editor and a library to maintain the maps and map sets.
This publication contains information for maintaining the Screen Definition Facility/CICS program product. It is intended to be used by customer and IBM System engineers and programmers.
Manual, 8 1/2 x 11 inches, 658 pages, 8/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY19-6061

VSE/DITTO, LIC PROG 5746-UT3, LOGIC (CURRENT RELEASE)
VSE/Data Interfile Transfer, Testing and Operations Utility is a general-purpose utility program for card, magnetic tape, and disk input/output devices. It provides an

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efficient and easy-to-use tool for testing and file-handling in both batch and console operation.

This publication is intended primarily for use by persons responsible for servicing the program. It describes the logic and control flow of the program as well as the program structure and data areas, and provides diagnostic information.

Manual, 8 1/2 x 11 inches, 158 pages, 9/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY19-6116

3705 SUPPORT, VIA THE RETD SPANISH DATA NETWORK, OF THE 2970-5 AND 5735-L03 BANKING TERMINALS, AND OF THE 2970-5 BANKING TERMINAL DIRECTLY ATTACHED, LIC PROG 5799-ATE, LOGIC

This manual describes the operation of PRPQ Y96665 which allows an IBM 3705 Communications controller loaded with an NCP to connect an SNA2 Host System to the IBM 2970-5 and 5935-L03 Banking Terminals through the RETD, and to the IBM 2970-5 Banking Terminal directly attached.
Manual, 8 1/2 x 11 inches, 214 pages, 8/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY19-6121

ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE, LIC PROG 5746-XXV, ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE/VIRTUAL MACHINE, LIC PROG 5748-XXK, LOGIC (CURRENT RELEASE)

ELIAS-I is the collective name for two related Licensed Programs, Entry Level Interactive Application System-One (Program Number 5746-XXV), and Entry Level Interactive Application System-One/Virtual Machine (Program Number 5748-XXK). These two Licensed Programs and their supporting documentation are designed to improve the productivity of users of CICS/VS and DL/I when run on a selected IBM System/370 or IBM 4300 Processors. The two products differ in the control program environment to which they relate. ELIAS-I is executed in the environment provided by the VSE/Interactive Computing and Control Facility, and is primarily intended to be used with DOS/VSE System IPO/E, (Program Number 5750-AAA, 5750-AAB, or 5750-AAC). ELIAS-I/VM is executed in the environment provided by the Conversational Monitoring System, and is primarily intended to be used with VM/DOS/VSE System IPO/E, (Program Number 5750-AAE or 5750-AAF). It can also be used with VM System IPO/E, (Program Number 5750-AAD) to provide the jobstream creation facility.

Both programs provide a series of interactive dialogs called "procedures", which prompt the user to specify the definitions of data bases and batch and online application programs. They also provide a set of predefined sequences of code called "bricks". Each brick performs a specific and frequently used program function, and can be incorporated into the user's application program to perform that function.

This manual provides a reference document for program support personnel. It describes the program organization of all relevant ELIAS-I facilities.

Manual, 8 1/2 x 11 inches, 274 pages, 01/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY19-6131

X25 PACKET SWITCHING ATTACHMENT WORKING WITHIN ACP/NCP/VS, LIC PROG 5799-BAK PRPQ ZA4239, XD2060, LOGIC

This publication describes the PRPQ required with ACP/NCP/VS, Version 2.0 or higher to connect the SNA Host systems to different types of network.
Manual, 8 1/2 x 11 inches, 374 pages, 12/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0712

CUSTOMER INFORMATION CONTROL SYSTEM (DOS-ENTRY), LIC PROG 5736-XX6, LOGIC

The IBM Customer Information Control System (CICS) is a transaction-oriented, multiapplication data base/data communication interface between a System/360 or System/370 operating system and user-written application programs. Applicable to most online systems, CICS provides many of the facilities necessary for standard terminal applications: message switching, inquiry, data collection, order entry, and conversational data entry.

CICS is available in three systems - two for DOS users and one for OS users. Because the two CICS/DOS systems are compatible with each other and with the CICS/OS system, it is possible to start with a small DOS data base/data communication configuration and move up through DOS to OS.

The information contained in this manual is of interest to persons maintaining and modifying the operation of the CICS/DOS-ENTRY system.

Manual, 8 1/2 x 11 inches, 272 pages, 7/73
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0713

CUSTOMER INFORMATION CONTROL SYSTEM (CICS) (DOS-STANDARD), LIC PROG 5736-XX7, LOGIC

The IBM Customer Information Control System (CICS) is a transaction-oriented, multiapplication data base/data communication interface between a System/360 or System/370 operating system and user-written application programs. Applicable to most online systems, CICS provides many of the facilities necessary for standard terminal applications: message switching, inquiry, data collection, order entry,

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and conversational data entry.

CICS is available in three systems - two for DOS users and one for OS users. Because the two CICS/DOS systems are compatible with each other and with the CICS/OS system, it is possible to start with a small DOS data base/data communication configuration and move up through DOS to OS.

The information contained in this manual is of interest to persons maintaining and modifying the operation of the CICS/DOS-STANDARD system.

Manual, 8 1/2 x 11 inches, 282 pages, 7/73
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0714

CUSTOMER INFORMATION CONTROL SYSTEM VERSION 2 (CICS STANDARD V2), LIC PROG 5734-XX7, LOGIC

The IBM Customer Information Control System (CICS) is a transaction-oriented, multiapplication data base/data communication interface between a System/360 or System/370 operating system and user-written application programs. Applicable to most online systems, CICS provides many of the facilities necessary for standard terminal applications: message switching, inquiry, data collection, order entry, and conversational data entry.

CICS is available in three systems - two for DOS users and one for OS users. Because the two CICS/DOS systems are compatible with each other and with the CICS/OS system, it is possible to start with a small DOS data base/data communication configuration and move up through DOS to OS.

The information contained in this manual is of interest to persons maintaining and modifying the operation of the CICS/OS-STANDARD V2 system.

Manual, 8 1/2 x 11 inches, 324 pages, 1/73
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY20-0884

VM/370 DATA AREAS AND CONTROL BLOCK LOGIC

This publication along with the IBM Virtual Machine Facility/370: System Logic and Problem Determination Guide, is intended for system programmers responsible for updating VM/370. This publication contains descriptions of the major data areas and control blocks used by three of the components of VM/370: the Control Program (CP), the Conversational Monitor System (CMS), and the Remote Spooling Communications Subsystem (RSCS).

Manual, 310 pages, 2/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY20-0889

VM/DIRECTORY MAINTENANCE RELEASE 1.0, LIC PROG 5748-YE4 SYSTEM LOGIC (LY20-0889-0)

This publication describes the internal logic of the Directory Maintenance Program Product, 5748-YE4. The information presented here is directed to system programmers who are responsible for the maintenance of the CP directory. A prerequisite manual is GC20-1836, Directory Maintenance Program Product General Information.

Manual
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0890

VM/SP, LIC PROG 5664-167, SERVICE ROUTINES PROGRAM LOGIC

This publication contains information about the IBM Virtual Machine/System Product (VM/SP Program No. 5664-167). In addition, it provides information about the prerequisite VM/370 Release 6 SCP (Program No. 5749-010).

This publication, describes the program logic for the VM/SP service routines (as used in conjunction with VM/370 Release 6). Each service routine (or group of routines) is described in its own chapter. Each chapter contains an introduction, a method of operation section, a program organization section, a directory, a data areas section, and a diagnostic aids section, if the section is applicable.

Manual, 8 1/2 x 11 inches,
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0891

VM/SP LIC PROG 5664-167, DATA AREAS AND CONTROL BLOCK LOGIC

This publication contains information about the IBM Virtual Machine/System Product (VM/SP) Program No. 5664-167. In addition, it provides information about the prerequisite VM/370 Release 6 SCP Program No. 5749-010.

This publication, together with the VM/SP System Logic and Problem Determination Guide, Volumes 1, 2, and 3, is intended for use by system programmers responsible for updating VM/SP (as used in conjunction with VM/370 Release 6). This publication contains descriptions of the major data areas and control blocks used by the following components: The Control Program (CP), the Conversational Monitor System (CMS), and the Remote Spooling Communications Subsystem (RSCS).

Manual, 8 1/2 x 11 inches
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0892

VM/SP LIC PROG 5664-167, SYSTEM LOGIC & PROBLEM DETERMINATION GUIDE VOL 1 - CP

This publication is intended for those responsible for the maintenance of the control program (CP) portion of the Virtual Machine/System Product (as used in conjunction with VM/370, Release 6). This publication provides:

- Descriptions of the major functions of CP

- A catalog of CP module entry points with brief descriptions
 - A module-to-label and label-to-module cross reference
- This publication requires the following corequisite publications Virtual Machine/System Product: Messages and Codes, Order no. SC19-6204 Data Areas and Control Blocks, Order no. LY20-0891 Manual, 8 1/2 x 11 inches, SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0893

VM/SP, LIC PROG 5664-167, SYSTEM LOGIC & PROBLEM DETERMINATION GUIDE VOL 2-CMS
This publication is intended for the IBM system hardware and software support personnel. This manual may also be used to provide some technical education about the conversational monitor system (CMS). This book provides the following information for the CMS component of VM/SP:

- Description of program logic
- Module descriptions and cross-references
- Abend codes

Manual, 8 1/2 x 11 inches
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2072

INTERACTIVE QUERY & REPORT PROCESSOR (IQRP), IUP 5796-PDG, SYSTEMS GUIDE
The purpose of this manual is to present to the system programmer the system logic flow of IQRP. This manual also presents detail module descriptions, flows, and linkages.
Manual, 212 pages
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2196

COBOL MAINTENANCE AND DOCUMENTATION AID IUPS 5796-AH1, 5796-AH2 SYSTEMS GUIDE
The COBOL Maintenance and Documentation Aid documents the structure and path logic of COBOL programs. This manual describes the internal logic of the CMANDOCO program.
Manual, 22 pages, 10/75
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2219

TELECOMMUNICATIONS CONTROL SYSTEM-ADVANCED FUNCTION (TCS-AF) VERSION 4, LIC PROG 5740-XMD, LOGIC
This manual describes the internal program logic and operation of the Telecommunications Control System-Advanced Function (TCS-AF).
The TCS-AF Program Logic Manual is directed to the IBM program system representatives and system engineers who provide program maintenance and who need information on the internal organization and logic of TCS-AF.
The manual assumes that the reader is thoroughly familiar with external programming documentation of both TCAM and TCS-AF.
The purpose of the Telecommunications Control System-Advanced Function (TCS-AF) is to provide high function single or multi-computer teleprocessing/network control based on TCAM or VTAM through TCAM facilities.
Manual, 8 1/2 x 11 inches, 176 pages, 4/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2383

TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF), LIC PROG 5740-XY3, LOGIC
This manual describes the internal program logic and operation of the Telecommunications Control System-Advanced Communications Function (TCS-ACF).
The basic TCS-ACF concepts section contains the functional and logical concepts of TCS-ACF and places the program in perspective relative to the Operating System (OS/VS) and the Telecommunications Access Method (TCAM). The method of operation section describes functional flows of programs in the TCS-ACF environment and also points out those features that are major additions to the TCAM facilities or are deviations from TCAM.
The program organization section describes the TCS-ACF modules in the form of a table with the information necessary for an understanding of the function of each module and its place relative to other related modules. This section also discusses each TCS-ADV macro, with a figure of any created parameter list.
Note: This manual describes the Basic TCS-ACF program and does not apply to the multicomputer Networking Feature.
Manual, 8 1/2 x 11 inches, 140 pages, 10/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2420

CON EDISON OF NY CICS/VS ONLINE PROMPTING FACILITY, IUP 5796-AW2, SYSTEMS GUIDE
This manual describes the modules which comprise the CICS/VS Online Prompting Facility Installed User Program.
Manual, 8 1/2 x 11 inches, 16 pages, 10/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2421

JES3 MONITORING FACILITY II, IUP 5796-PLW, SYSTEMS GUIDE
JES3 Monitoring Facility II (JMF II) is a software monitor that provides the ability to measure and evaluate the

performance of an existing IBM system operating under JES3 Release 3.

This Systems Guide describes the logic of JMF II. It is intended for the system programmer(s) who support the JES3/MVS operating system.

An in-depth knowledge of JES3 internals is required for proper and effective use of this program. This document does not provide that knowledge.
Manual, 8 1/2 x 11 inches, 44 pages, 5/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2424

VM/370 REALTIME MONITOR, IUP 5796-PNA, SYSTEMS GUIDE
The VM Realtime Monitor provides a comprehensive mechanism that can be used to detect realtime problems, analyze system performance, measure the effects of system changes and assist the operators in running and controlling the total system. It provides system statistics which are not available through any other means. The monitor is totally command, timer, and table driven and presents information in realtime on any terminal or display supported by the VM/370 control program. This IUP will simplify the entire process of performance analysis in a VM/370 environment and management of a VM/370 installation.
Manual
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2426

VS APL EXTENDED EDITOR & FULL SCREEN MANAGER, IUP 5796-PLY, SYSTEMS GUIDE
This manual describes the operation and logic of the VS APL Extended Editor and Full Screen Manager. It contains a general overview of the editor components, the relationship of the editor to the VS APL system, and the overall flow of the VS APL Extended Editor.
The VS APL Extended Editor is written in S/370 Assembler and is a replacement for the standard APL del-editor. The Extended Editor supports the hardware editing features of the 3270 display station, and aids the APL programmer in the creation, modification, and testing of programs in a shorter amount of time.
The Full Screen Manager is an auxiliary processor that allows the APL programmer to manipulate the 3270 console in full screen mode. The auxiliary processor, AP124X, is similar to the AP1124 auxiliary processor for VSFC and CICS. AP124X has some additional capabilities that are not available in the versions for VSFC and CICS.
Some of the major features of this IUP are:

- Full Screen support for Editor
- Full Screen support for API Programmer
- Multiple Function Parallel Editing
- Execution of APL expressions within the Editor
- Context Editing commands
- Ability to Edit Character Matrices and Vectors
- Compatibility with del-editor
- Similarity to CMS and TSO Editors

Manual, 8 1/2 x 11 inches, 80 pages, 8/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2429

APL WORKSPACE STRUCTURE ANALYZER, IUP 5796-PNE SYSTEMS GUIDE
This IUP consists of a collection of programs in a single workspace which gathers cross reference information about a collection of APL or FORTRAN programs. Additional programs display this information in a number of useful ways, and include output on terminal, system printer, or documentation file. Name manipulation functions help to group the names of functions and variables into functional groups for program partitioning, or for documentation displays, additional functions are provided that allow one to "browse" a workspace, looking for specific character patterns. A "revision" function helps make global changes to APL functions and character variables.
Manual
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2431

BATCH TERMINAL SIMULATOR II (BTS II), IUP 5796-PGT, SYSTEMS GUIDE
This publication describes in detail the Batch Terminal Simulator (BTS II). This includes an in-depth description of the component modules, a discussion of modification aids and error diagnosis, BTS II queues and tables, and macro instructions.
Manual, 8 1/2 x 11 inches, 112 pages, 8/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2435

TELEPROCESSING VIRTUAL MACHINE, IUP 5796-PNC, SYSTEMS GUIDE
The Teleprocessing Virtual Machine (TPVM) is an application program designed to provide remote intelligent sub-systems (e.g. mini-computers, micro-computers) with the ability to access and utilize the facilities of the IBM VM/370 system via bisynchronous telecommunications links. TPVM is a VM/CMS machine whose primary function is to provide a link between two levels of a hierarchical distributed system.
This manual is intended for use by programmers who have the need to either maintain or modify the system components. This manual should also prove useful for error analysis and problem determination.
Manual

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LY20-2455

DOS/VSE REMOTE JOB ENTRY WORK STATION PROGRAM, LIC PROG 5746-RC9, LOGIC

This publication contains information on the internal operation of the DOS/VSE Remote Job Entry Workstation program. It is intended for use by persons involved in program maintenance and by systems programmers who are altering the program design.

Manual, 256 pages, 6/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2480

STRUCTURED PROGRAMMING FACILITY/CONVERSATIONAL MONITOR SYSTEM, LIC PROG 5748-XT3, LOGIC

The Structured Programming Facility/Conversational Monitor System is a program development tool designed to take advantage of the characteristics of IBM 3270 display terminals, and to increase productivity in an interactive environment for users of both structured and conventional programming techniques.

This document describes the internal logic, program structure, and data areas. It is intended for those who change and maintain this program product.

Manual, 8 1/2 x 11 inches, 464 pages, 11/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2489

JOB ENTRY SUBSYSTEM 3/NETWORKING, LIC PROG 5799-AZT, PROGRAM LOGIC

This manual describes the purpose and functions of the Job Entry Subsystem 3/Networking PRPQ and its relationship to Job Entry Subsystem 3 Release 3. The information is presented as a supplement to the program listings.

Manual, 92 pages, 9/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2496

VSE/3270 BISYNCHRONOUS PASS THROUGH, LIC PROG 5746-AM5 LOGIC

The VSE/3270 Bisync Pass Through product provides facilities to simulate a 3270 control unit from a CICS/VS partition of a DOS/VSE system.

The basic function of this program product is to provide an interface from which a terminal connected to a CICS/VS system can be used as a "remote" terminal to another operating system using bisynchronous line protocol. This interface maintains the physical teleprocessing line and all internal CICS message switching.

This manual covers the internal logic of the VSE/3270 Bisync Pass Through product.

Manual, 112 pages, 2/80

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2508

DOS/VSE AF3 REMOTE JOB ENTRY WORKSTATION PROGRAM, LIC PROG 5746-RC9, LOGIC

This publication contains information on the internal operation of the DOS/VSE/AF3 Remote Job Entry Workstation Program. It is intended for use by persons involved in program maintenance and by systems programmers who are altering the program design.

Manual, 8 1/2 x 11 inches, 248 pages, 9/80

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8031

VSPC FORTRAN, LIC PROG 5748-FO2, LOGIC

This publication is intended for program support representatives and programmers who service the IBM VSPC FORTRAN program product. It describes the interface to the VS Personal Computing (VSPC) program product, the FORTRAN compiler, and the library routines. It also describes the data areas (called rolls) used by the compiler and diagnostic tools and techniques which can be used in servicing VSPC FORTRAN. To use this book, you must be familiar with the IBM System/360 and System/370 FORTRAN IV Language, GC28-6515, and VSPC FORTRAN Terminal User's Guide, SB20-9062.

Distribution is restricted to licensees with the above mentioned requirement since program logic is not required to use the VSPC FORTRAN product. For information about VSPC installation, see VS Personal Computing (VSPC) Installation Reference Material, SH20-9072.

Manual, 130 pages, 4/76

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8032

VS APL PROGRAM LOGIC, PROG PROD 5748-AP1

This manual provides information on the design and program logic of VS APL. It includes logic flow and data descriptions. It serves as a guide to the program listings.

Manual, 200 pages, 1/76

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8037

DB/DC DATA DICTIONARY, LIC PROG 5746-XXC, DIAGNOSIS: REFERENCE (CURRENT RELEASE)

This publication describes diagnosis reference information pertaining to the DB/DC Data Dictionary and is intended

primarily for those involved in Dictionary service. Sufficient information is provided to enable a user to rapidly locate a pertinent point in the program code. Together with the comments and coding in the DB/DC Data Dictionary program listings, this manual describes the internal concepts of the system.

Prerequisite Publications:

DB/DC Data Dictionary General Information Manual, GB20-9104
DB/DC Data Dictionary Installation Guide, SB20-9084
DB/DC Data Dictionary Application Guide, SB20-9173
DB/DC Data Dictionary Terminal User's Guide and Command Reference,
SH20-9083

DB/DC Data Dictionary Administration and Customization Guide, SB20-9174

IMS/VS System Programming Reference Manual, SB20-9027

IMS/VS Program Logic Manual, LY20-8069

Manual, 8 1/2 x 11 inches, 107 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8050

IMS/VS V1, LIC PROG 5740-XX2, FAILURE ANALYSIS STRUCTURE TABLE (FAST) FOR DUMP ANALYSIS

This publication presents Failure Analysis Structure Tables (FAST) that associate abnormal termination conditions encountered in operation of IMS/VS with their causes. It is intended for both IMS/VS users and IEM Field Engineering programming support representatives who define and diagnose problems encountered in the operation of IMS/VS. Readers of this book should be able to use this book to precisely define a particular IMS/VS failure.

Manual, 900 pages, 12/76

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8063

IMS/VS VERSION 1, LIC PROG 5740-XX2, DIAGNOSTIC AIDS (CURRENT RELEASE)

This book is designed to help IBM PSRs and customer system programmers do three things:

- Define programming failures systematically
- Find fixes in RETAIN/EWS for IMS/VS programming failures
- Find user-caused programming failures

The book is based on a concept of defining programming failures through the use of "keywords". Keywords are simply words that identify aspects of a programming failure, such as the subfunction that failed or the type of failure. The book tells how to construct a set of keywords to define a programming failure. Once keywords are constructed, they are used to search RETAIN/EWS for similarly defined programming failures.

Manual, 8 1/2 x 11 inches, 90 pgs, 11/77

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8069

IMS/VS VERSION 1, LIC PROG 5740-XX2, LOGIC (CURRENT RELEASE)

This publication is intended for program systems representatives (PSRs) and system programmers who are involved in the service and/or modification of IMS/VS. Sufficient information is provided to enable a user to rapidly locate a pertinent point in the program code. The structure of the manual is based on an information organization linked to the IMS/VS function/subfunction breakdown as described in the IMS/VS Diagnostic Aids manual.

Prerequisite publications are: IMS/VS Diagnostic Aids, LY20-8063; IMS/VS System/Application Design Guide, SB20-9025; IMS/VS System Programming Reference Manual, SB20-9027; and IMS/VS Utilities Reference Manual, SB20-9029.

Manual, 8 1/2 x 11 inches, 400 pages, 9/78

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8073

OS/VS2 MVS VS PERSONAL COMPUTING (VSPC) DIAGNOSTIC AIDS, LIC PROG 5740-XX6, LOGIC

This book is designed to help define VSPC program failures through the use of keywords. Prerequisite publications:

- VS Personal Computing (VSPC) Logic Summary, LY20-8072
- VS Personal Computing (VSPC) Installation Reference, SH20-9072

Manual, 8 1/2 x 11 inches, 48 pages, 8/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY20-8076

DB/DC DATA DICTIONARY, LIC PROG 5746-XXC, DIAGNOSIS: GUIDE (CURRENT RELEASE)

This book provides diagnosticians of IBM programs with information to systematically select "keywords" that describe a suspected program failure in the DB/DC Data Dictionary. These keywords are used to identify aspects of a program failure. Prerequisite knowledge for using this book is a basic understanding of the Dictionary concepts of the level found in DB/DC Data Dictionary General Information Manual, GB20-9104; DE/DC Data Dictionary Applications Guide, SB20-9173 for the DOS user or SB20-9190 for the OS user; and DB/DC Data Dictionary Terminal User's Guide and Command Reference, SB20-9083 for the DOS user, or SH20-9189 for the OS user. Other prerequisite knowledge is an understanding of dump analysis SCP (System Control Programming) diagnostic practices, and DB/DC diagnostic practices.

Manual, 8 1/2 x 11 inches, 44 pages, 10/79

///5740-XXP,5746-XXC

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LY20-8077

OS/VS DB/DC DATA DICTIONARY, LIC PROG 5740-XXF
DIAGNOSIS REFERENCE

This book is intended for use in diagnosing program failures in the DB/DC Data Dictionary. Before using this book, the program failure should have been analyzed using the diagnostic procedures in OS/VS DB/DC Data Dictionary Diagnosis Guide, SY20-8078, knowledge of which is prerequisite to the use of this book.

Additional information to assist in the isolation of failures is found in DB/DC Data Dictionary Diagnosis: Reference, LY20-8037.

Manual, 8 1/2 x 11 inches, 150 pages, 8/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY20-8078

OS/VS DB/DC DATA DICTIONARY, LIC PROG 5740-XXF
DIAGNOSIS GUIDE

This book is intended for use by people diagnosing program failures in the DB/DC Data Dictionary. It provides information for systematic selection of "keywords" that identify aspects of a program failure, such as the function that failed or the type of failure.

Manual, 8 1/2 x 11 inches, 80 pages, 8/80
////5740-XXF

LY20-9001

DBPROTOTYPE II, IUP 5796-PJK, SYSTEMS GUIDE

DBPROTOTYPE/II is a set of programs that provide data base design support of Information and Management System/Virtual Storage (IMS/VS). These programs enable the IMS/VS data base designer to create a test data base and skeletal application programs to run against that data base, as well as build analytic models. By analyzing the performance data obtained from these processing sequences, the designer can select the design best suited to his needs.

This manual contains information about the internal logic and organization of the DBPROTOTYPE/II programs. It is intended to assist program maintenance and alteration.

Manual
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9005

AUDIT FILE COMPARE UTILITY, IUP 5796-PNF, SYSTEMS GUIDE

The Audit File Compare program aids auditors and management in the control and verification of differences between two data files.

Audit File Compare allows the user to identify the fields to be tested for differences. It permits the user to specify whether all differences are to be identified or only those differences greater than a user-specified threshold.

Manual
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9007

APL DATA INTERFACE-II, IUP 5796-PNG, SYSTEMS GUIDE

This manual provides information on the design, logic, and coding of the APL Data Interface-II IUP. It is intended to help those involved in making program modifications and documenting program errors.

Manual
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY24-5160

OS/VS1 IPL AND NIP LOGIC

Describes the internal logic of the OS/VS1 Initial Program Loader (IPL) and Nucleus Initialization Program (NIP) for persons involved in program maintenance, and for system programmers who are altering the program design.

Sections included in this reference manual provide the reader with introductory information about IPL and NIP, their functions, their routines, cross-references to the listings, data areas used, messages issued, and possible wait state codes.

Prerequisite Publications:

- o IBM System/370 System Summary, GA22-7001.
- o OS/VS1 Planning and Use Guide, GC24-5090.

Program Logic Manual, 152 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY24-5175

SU5 SUPPLEMENT TO OS/VS1 I/O SUPERVISOR LOGIC (SY24-5156-5)

This publication supplements the I/O Supervisor Logic manual, SY24-5156-5, for MSS Enhancements, Selectable Unit 5741-605. It describes the specifications for the Start I/O routine for virtual DASD devices.

Manual, 8 1/2 x 11 inches, 20 pgs, 3/77
////5741-605

SY24-5194

SU-4 SUPPLEMENT TO OS/VS1 I/O SUPERVISOR LOGIC (SY24-5156-5)
SU ID 5741-604

This publication supplements the I/O Supervisor Logic manual, SY24-5156-5, for the IBM 3895 document reader/inscriber, Selectable Unit 5741-604. It describes the 3895 error routine.

Manual, 8 1/2 x 11 inches, 20 pgs, 3/77
////5741-604

LY24-5204

VSE/VSAM SPACE MANAGEMENT FOR SAM FEATURE, LIC PROG 5746-AM2, LOGIC

This book describes the internal logic of the VSE/VSAM Space Management for SAM Feature and provides diagnostic information for maintenance personnel and development programmers who require an in-depth knowledge of the program's design, organization, and data areas. It is not required for effective use of the Feature.

Manual, 76 pages, 12/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY24-5208

VIRTUAL MACHINE FACILITY/370, VM/PASS THROUGH FACILITY
LIC PROG 5748-RC1, LOGIC

A Program Logic Manual describes the internal design or logic of the subject program. These manuals are intended for persons involved in program maintenance and system programmers who are altering the program design. Program logic information is not necessary for the operation of the program; therefore, distribution of these publications should be limited to persons with maintenance and alteration requirements.

Manual, 8 1/2 x 11 inches, 168 pages, 4/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY24-5209

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, DIAGNOSIS
REFERENCE LIOCS VOLUME 1 GENERAL INFORMATION & IMPERATIVE
MACROS LOGIC (CURRENT RELEASE)

This reference publication is the first of four logic manuals that describe the internal logic of the Logical IOCS (Input/Output Control System) programs for the IEM Disk Operating System/Virtual Storage Extended. The four related Logic Manuals are:

1. VSE/Advanced Functions Diagnosis Reference: LIOCS Volume 1 General Information and Imperative Macros, LY24-5209
2. VSE/Advanced Functions Diagnosis Reference: LIOCS Volume 2 SAM, LY24-5210
3. VSE/Advanced Functions Diagnosis Reference: LIOCS Volume 3 DAM and ISAM, LY24-5211
4. VSE/Advanced Functions Diagnosis Reference: Direct and Sequential DASD, LY24-5212

This manual is intended for use by persons involved in program maintenance and by system programmers who are altering the program design. Program logic information is not necessary for the operation of the programs described.

Effective use of this publication requires an understanding of IBM System/370 operations and the DOS/VSE Assembler language and its associated macro definition language.

Manual, 8 1/2 x 11 inches, 352 pages, 9/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY24-5210

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, DIAGNOSIS
REFERENCE LIOCS VOLUME 2, SAM LOGIC (CURRENT RELEASE)

This reference publication is the second in a series of four manuals that describe the internal logic of the Logical IOCS (Input/Output Control System) programs of VSE/Advanced Functions. The four related manuals are:

- Volume 1: General Information and Imperative Macros, LY24-5209
- Volume 2: SAM Logic, LY24-5210
- Volume 3: DAM and ISAM Logic, LY24-5211
- Direct and Sequential DASD, LY24-5212

This manual is intended for persons involved in program maintenance. It is not necessary for the operation of the programs described. Effective use of this manual requires an understanding of IBM VSE/Advanced Functions operation and of the Assembler language and its associated macro language. Reference publications for this information are listed in the front of the manual.

Manual, 8 1/2 x 11 inches, 388 pages, 9/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY24-5211

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, DIAGNOSIS
REFERENCE LIOCS VOLUME 3 DAM & ISAM LOGIC (CURRENT RELEASE)

This reference publication is the third in a series of four manuals that describe the internal logic of the Logical IOCS (Input/Output Control System) programs of VSE/Advanced Functions. The four related manuals are: Volume 1: General Information and Imperative Macros, LY24-5209, Volume 2: SAM Logic, LY24-5210, Volume 3: DAM and ISAM Logic, LY24-5211, and Direct and Sequential DASD, LY24-5212.

This manual is intended for persons involved in program maintenance. It is not necessary for the operation of the program described. Effective use of this manual requires an understanding of IBM VSE/Advanced Functions operation and of the Assembler language and its associated macro language. Reference publications for this information are listed in the front of the manual.

Manual, 8 1/2 x 11 inches, 352 pages, 9/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY24-5212

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, DIAGNOSIS
REFERENCE LIOCS VOLUME 4 DAM & ISAM LOGIC FOR DASD (CURRENT
RELEASE)

This reference publication is the fourth in a series of four

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manuals that describe the internal logic of the Logical IOCS (Input/Output control System) programs of VSE/Advanced Functions. The four related manuals are:

- Volume 1: General Information and Imperative Macros, LY24-5209
- Volume 2: SAM Logic, LY24-5210
- Volume 3: DAM and ISAM Logic, LY24-5211
- Volume 4: SAM and DAM for DASD, LY24-5212

This manual is intended for persons involved in program maintenance. It is not necessary for the operation of the programs described. Effective use of this manual requires an understanding of IBM VSE/Advanced Functions operation and of the Assembler Language and its associated macro language. Reference publications for this information are listed in the front of the manual.

Manual, 8 1/2 x 11 inches, 670 pages, 9/69
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY24-5213

VSE/VSAM BACKUP/RESTORE FEATURE, LIC PROG 5746-AM2, LOGIC
This manual describes the internal logic of the VSE/VSAM Backup/Restore Feature and provides diagnostic information for maintenance personnel and development programmers who required an in-depth knowledge of the program's design and organization. It is not required for effective use of the Feature.

Manual, 8 1/2 x 11 inches, 52 pages, 2/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY24-6001

NETWORK JOB ENTRY FACILITY FOR JES2, LIC PROG 5740-XR8, LOGIC
This manual is for use by IBM PERS and Customer System Programmers for use in understanding the logic behind the operation of JES2 NJE. This manual is necessary for use in troubleshooting JES2 NJE, when used in conjunction with the program listings, and for designing user modifications to JES2 NJE.

Manual, 8 1/2 x 11 inches, 642 pgs, 1/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY24-6003

MVS/INFORMATION DISTRIBUTION WORK STATION SUPPORT, LIC PROG 5740-AMA, DIAGNOSIS

This manual is designed to help customer personnel and IBM Field Engineering Division program support representatives diagnose a problem in MVS/Information Distribution Work Station Support (IDWS). Before using this book, the diagnostician should complete problem determination and problem source identification to isolate the problem to IDWS. The diagnostician then follows the procedures in the Diagnosis Guide, Part 1 of this manual, to diagnose the problem to the level of an IDWS subfunction. The diagnostician uses the keywords selected in the diagnostic procedures to search the FE RETAIN/370 data base for a program fix to a similarly defined problem. If there is no applicable program fix, the diagnostician submits an APAR on the problem.

If a program fix is not available and the problem requires temporary repair, the diagnostician uses the Diagnosis Reference, Part 2 of this manual. Diagnosis Reference presents sufficient program logic to enable the diagnostician to discuss the problem with the FE Change Team and work with the team to develop a temporary program repair.

Manual, 8 1/2 x 11 inches, 2/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY24-6005

JES3, LIC PROG 5740-XYN, LOGIC

This publication describes the logic of JES3 and applies to MVS/SP-JES3 Release 2. It is designed primarily for those who maintain and modify the IBM-distributed JES3 System. This publication explains the JES3 functions and acts as a directory into the program listing.

Before reading this publication, you should be familiar with the concepts and terminology introduced in:

- JES3 Introduction, GC23-0039
- JES3 Overview, SC23-0040
- JES3 System Programming Library: Installation Planning and Tuning, SC23-0041

Manual, 8 1/2 x 11 inches,
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY24-6006

JES2 - LOGIC

This publication provides the Programming Service Representative and the using System Programmer with detailed information on the internal organization and logic of JES2 and its relationship to the MVS/System Product. It supplements the program listings and makes the information more accessible. This manual is intended to aid its users in determining the sources of errors within, or making changes to, the internal logic of JES2.

Manual, 8 1/2 x 11 inches,
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY25-0002

NETWORK PROBLEM DETERMINATION APPLICATION, LIC PROG 5735-XX8, LOGIC (CURRENT RELEASE)

This manual provides information about the program logic of the Network Problem Determination Application (NPDA) Program

Product.

It describes the structure of NPDA modules by grouping the modules into functional areas. It describes the operations used to access NPDA displays. The manual includes a brief description of every NPDA module, and shows the control flow used in executing the modules. It also includes descriptions of the data sets and control blocks used by NPDA.

The manual is primarily a reference manual. The manual enables a user to identify a failing NPDA component down to the module level. Then microfiche can be used to examine the module's code.

Readers should be familiar with the functions and capabilities of NPDA, as explained in: Network Problem Determination Application: General Information, GC34-2010, Network Problem Determination Application: Terminal Use, SC34-2013 and Network Problem Determination Application: Installation, SC34-2011.

Manual, 8 1/2 x 11 inches, 300 pages, 9/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY25-0003

INFORMATION/MANAGEMENT, LIC PROG 5735-OZS, LOGIC AND DIAGNOSIS

This manual describes the internal logic of the Information/Management (Info/Management) Licensed Feature of the Information/System (Info/System) Program Product. The information is directed to IBM and customer maintenance personnel and system programmers who need to know about the Info/Management design, organization, and data areas.

Manual, 8 1/2 x 11 inches, 150 pages, 12/80

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY25-0004

VSE INTERACTIVE PROBLEM CONTROL SYSTEM, LIC PROG 5746-SAL, LOGIC (CURRENT RELEASE)

This manual describes the internal logic of the VSE Interactive Problem Control System (VSE/IPCS) Program Product. The information contained in the manual is directed to maintenance personnel and development programmers who need to know about the design of IPCS, and its organization and data areas.

Manual, 8 1/2 x 11 inches, 100 pages, 5/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY25-0005

VM/INTERACTIVE PROBLEM CONTROL SYSTEM EXTENSION, LIC PROG 5748-SAL, LOGIC

This manual describes the internal logic of the VM/Interactive Problem Control System Extension, (VM/IPCS) Extension, or IPCS) Program Product. The information presented here is directed to maintenance personnel and development programmers who need to know about the design of IPCS and its organization and data areas.

Manual, 8 1/2 x 11 inches, 140 pages, 8/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY25-0006

SYSTEM PRODUCTIVITY FACILITY FOR MVS, LIC PROG 5668-009, LOGIC AND DIAGNOSIS

This manual describes the internal logic of the System Productivity Facility (SPF) Program Product for MVS. It is intended for the use of maintenance personnel and development programmers who need to know about SPF's design, organization and data areas.

Manual, 8 1/2 x 11 inches, 150 pages, 12/80

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY25-0008

INFORMATION/SYSTEM, LIC PROG 5735-OZS, LOGIC AND DIAGNOSIS

This manual describes the internal logic of the Information/System (Info/System) Program Product. The information is directed to IBM and customer maintenance personnel and system programmers who need to know about the Info/System design, organization, and data areas.

Manual, 8 1/2 x 11 inches, 125 pages, 8/80

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY25-0010

SYSTEM PRODUCTIVITY FACILITY FOR VM/SP, LIC PROG 5668-009, LOGIC AND DIAGNOSIS PROGRAM NUMBER 5668-009

This manual describes the internal logic of the System Productivity Facility (SPF) Program Product for VM/SP. It is intended for the use of maintenance personnel and development programmers who need to know about SPF's design, organization and data areas.

Manual, 8 1/2 x 11 inches, 3/81

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY26-3878

DATA FACILITY/DATA SET SERVICES, LIC PROG 5740-UT3, DIAGNOSIS GUIDE AND REFERENCE

This book tells the user how to diagnose possible failures in the program product. It assumes the user has already made a preliminary determination that the suspected failure is not a user error.

Manual, 8 1/2 x 11 inches, 96 pages, 10/80

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY26

SY27

SY26-3880

DATA FACILITY/DEVICE SUPPORT: DADSM AND COMMON VTOC ACCESS FACILITY DIAGNOSIS GUIDE, LIC PROG 5740-AM6, -AM7

This publication explains how to diagnose failures in the following components of Data Facility/Device Support:

- Direct Access Device Space Management (DADSM)
- Common VTOC Access Facility (CVAF)

To use this publication effectively, you should have a basic understanding of dump analysis and system control program diagnostic practices.

Prerequisite publications are:

- Data Facility/Device Support: User's Guide and Reference, SC26-3952
- OS/VS1 Data Management for System Programmers, GC26-3837
- OS/VS2 System Programming Library: Data Management, GC26-3830

Manual, 8 1/2 x 11 inches, 50 pages, 10/80
 ////5740-AM6,5740-AM7

SY26-3881

DATA FACILITY/DEVICE SUPPORT: DADSM DIAGNOSIS REFERENCE, LIC PROG 5740-AM6, -AM7

This book is designed to assist the user in diagnosing possible program failures in the Direct Access Storage Management (DADSM) component of OS/VS1 and OS/VS2. Before using this publication, the user should first have analyzed the failure by following the diagnostic procedures in Data Facility/Device Support: DADSM and Common VTOC Access Facility Diagnosis Guide, SY26-3880. This book will assist in communicating with an IBM program specialist if further isolation of the problem is necessary.

Manual, 8 1/2 x 11 inches, 72 pages, 10/80
 ////5740-AM6,5740-AM7

SY26-3882

DATA FACILITY/DEVICE SUPPORT: COMMON VTOC ACCESS FACILITY DIAGNOSIS REFERENCE, LIC PROG 5740-AM6, -AM7

This publication is designed to assist the user in diagnosing possible program failures in the Common VTOC Access Facility (CVAF) component of OS/VS1 and OS/VS2. Before using this publication, the user should first have analyzed the failure by following the diagnostic procedures in Data Facility/Device Support: DADSM and Common VTOC Access Facility Diagnosis Guide, SY26-3880. This publication will assist in communicating with an IBM program specialist if further isolation of the problem is necessary.

Manual, 8 1/2 x 11 inches, 100 pages, 10/80
 ////5740-AM6,5740-AM7

SY26-3884

DATA FACILITY/DEVICE SUPPORT: OS/VS2 MVS MEDIA MANAGER DIAGNOSIS GUIDE AND REFERENCE, LIC PROG 5740-AM7

This publication explains how to diagnose failures in the media manager. It assumes that you have already determined that the suspected failure is not a user error.

To use this publication effectively, you should have a basic understanding of dump analysis and system control program diagnostic practices. Prerequisite publications are:

- Data Facility/Device Support: General Information, GC26-3954
- OS/VS2 MVS SPL: Service Aids, GC28-0674
- OS/VS2 MVS Utilities, GC26-3902
- OS/VS2 System Programming Library: Debugging Handbook, Volume 1, GC28-0708; Volume 2, GC28-0709
- OS/VS2 System Messages, GC38-1015

Manual, 8 1/2 x 11 inches, 55 pages, 10/80
 ////5740-AM7

SY26-3887

DATA FACILITY EXTENDED FUNCTION, LIC PROG 5740-XYQ, CATALOG DIAGNOSIS GUIDE

This book explains how to build a set of keywords that are used to describe a failure of the Integrated Catalog Facility. It assumes that you have already determined that the suspected failure is not a user error; that is, it was not caused by incorrect use of the Data Facility Extended Function program product.

Prerequisites are: Data Facility Extended Function: Access Method Services Administration and Services, SC26-3966, and Data Facility Extended Function: Access Method Services Reference, SC26-3967.

Manual, 8 1/2 x 11 inches, 40 pages, 2/81
 ////5740-XYQ

LY26-3888

DATA FACILITY EXTENDED FUNCTION, LIC PROG 5740-XYQ, ACCESS METHODS SERVICES LOGIC

This book describes the internal logic of DFEF AMS routines and provides diagnostic information that is directed to support personnel and development programmers who require in-depth knowledge of the program's design, organization, and data areas.

The reader should be familiar with general programming techniques, OS/VS2 VSAM concepts and use, TSO concepts and use, and System/370.

Manual, 8 1/2 x 11 inches, 800 pages, 2/81
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY27-0013

2740 COMMUNICATION TERMINAL MODEL 1 2740 COMMUNICATION TERMINAL MODEL 2 2741 COMMUNICATION TERMINAL

A Theory of Operation Manual is required primarily for training customer engineers, either in conjunction with formal classroom instruction or for self instructions. They contain physical description; principles of operation; description of functional units and components; mechanical and electrical theory; and data flow and control.

FE Theory of Operation Manual, 134 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7251

DOS/VS BTAM LOGIC MANUAL

This publication describes the internal logic of the Basic Telecommunications Access Method (BTAM) in DOS/VS (Disk Operating System with Virtual Storage). It is intended for persons involved in program maintenance and for systems programmers who are altering the program design. It can be used to help locate ETAM application program errors. This publication contains:

- o An overview of BTAM logic
- o A guide to specific ETAM routines by alphabetic name of the routine and by function
- o Routine descriptions and flowcharts

This information is designed to be used with the program listings.

The user should be familiar with how BTAM is used; this is described in the SRL publication DOS/VS BTAM, GC27-6989. Manual, 456 pages
 SLSS - ORDER NO. SUBSCRIPTION ONLY

LY27-8002

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) DATA AREAS, PRG PROD 5735-RC2 (OS/VS)

This manual provides data maps for OS/VS ACF/VTAM. Included are a list of fields by displacement and in alphabetical order, a list of flags and masks, and a list of constants for each data area.

The primary users of this manual are IBM PSRs and customer system programmers.

Prerequisites: ACF/VTAM Concepts and Planning GC38-0282
 OS/VS ACF/VTAM Logic LY27-8016
 Manual, 8 1/2 x 11 inches, 1100 pgs, 11/77
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY27-8003

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) DATA AREAS, PRG PROD 5746-RC3 (DOS/VS)

This manual provides data maps for DOS/VS ACF/VTAM. Included are a list of fields by displacement and in alphabetical order, a list of flags and masks, and a list of constants for each data area.

The primary users of this manual are IBM PSRs and customer system programmers.

Prerequisites: ACF/VTAM Concepts and Planning GC38-0282
 DOS/VS ACF/VTAM Logic LY27-8018
 Manual, 8 1/2 x 11 inches, 1070 pgs, 7/77
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY27-8006

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) DEBUGGING GUIDE, PRG PROD 5735-RC2 (OS/VS)

This publication describes an approach to debugging ACF/VTAM in OS/VS. It presents guidelines, tools, and other information that the reader can use as ACF/VTAM debugging aids to help determine the cause of an error or failure. It also summarizes serviceability aids described in other publications and directs the reader to detailed descriptions of these aids.

This manual is intended for IBM program support representatives and system programmers who maintain systems and application programs that use ACF/VTAM. Prerequisite publications for this manual are ACF/VTAM Concepts and Planning, GC38-0282, and ACF/VTAM System Programmer's Guide for OS/VS, SC38-0258.

Manual, 8 1/2 x 11 inches, 220 pgs, 12/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-8007

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) DEBUGGING GUIDE, PRG PROD 5746-RC3 (DOS/VS)

This publication describes an approach to debugging ACF/VTAM in DOS/VS. It presents guidelines, tools, and other information that the reader can use as ACF/VTAM debugging aids to help determine what the cause of an error or failure is. It also summarizes serviceability aids described in other publications and directs the reader to detailed descriptions of these aids.

This manual is intended for IBM program support representatives and system programmers who maintain systems and application programs that use ACF/VTAM. Prerequisite publications for this manual are ACF/VTAM Concepts and Planning, GC38-0282, and ACF/VTAM System Programmer's Guide for DOS/VS, SC38-0268.

Manual, 8 1/2 x 11 inches, 200 pgs, 7/77
 SLSS - ORDER NO. SUBSCRIPTION ONLY

LY27

LY28

LY27-8009

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), EXECUTION SEQUENCES, PROGRAM NUMBER 5735-RC2 (OS/VS1)
This publication describes sample execution sequences of OS/VS1 ACF/VTAM modules involved in processing selected ACF/VTAM macros and network operator commands. It is intended to supplement ACF/VTAM Logic, LY27-8016 and ACF/VTAM Debugging Guide, SY27-8006.
Manual, 8 1/2 x 11 inches, 100 pages, 6/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY27-8010

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM EXECUTION SEQUENCES (OS/VS2 MVS)
This publication describes sample execution sequences of ACF/VTAM modules involved in processing selected ACF/VTAM macros and network operator commands in an OS/VS2 MVS operating system. It is intended to supplement the publications ACF/VTAM Logic, LY27-8016 and ACF/VTAM Debugging Guide, SY27-8006.
Manual, 8 1/2 x 11 inches, 190 pages, 2/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY27-8012

ACF/VTAM EXECUTION SEQUENCES, SCF 5735-RC2 (OS/VS2 SVS)
This publication describes sample execution sequences of ACF/VTAM Modules involved in processing selected ACF/VTAM Macros and Network operator commands in a S/370 OS/VS2 SVS operating system.
Manual, 7/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY27-8013

ADVANCED COMMUNICATIONS FUNCTIONS FOR VTAM (ACF/VTAM) TOLTEP LOGIC, PROG PROD 5746-RC3 (DOS/VS), 5735-RC2 (OS/VS)
Manual describes the internal logic of the Teleprocessing Online Test Executive Program (TOLTEP). TOLTEP operates as a subtask of ACF/VTAM and is the interface between ACF/VTAM and the online test programs (OLTS) that test the hardware characteristics of various terminals supported by ACF/VTAM. This manual is intended for IBM personnel who are responsible for program maintenance.
Manual, 8 1/2 x 11 inches, 60 pgs, 7/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY27-8014

INTRODUCTION TO ACF/VTAM LOGIC
PROG PROD 5746-RC3 (DOS/VS), 5735-RC2 (OS/VS)
This publication is one of a set that describes the logic of ACF/VTAM. This publication describes the high-level logic, which is similar in the DOS/VS and the OS/VS versions of ACF/VTAM. This publication should be read before reading the other logic manuals in the set to get a general understanding of ACF/VTAM logic. The ACF/VTAM logic manuals for DOS/VS and for OS/VS describe the lower-level, system-dependent logic. The intended audience is the IBM program support representative who maintain the access method.
This publication contains:
o An overview of ACF/VTAM operations
o A chapter describing the most important ACF/VTAM control blocks
o A chapter for each ACF/VTAM component that describes the functions performed by the component
o A list of abbreviations used in the publication
ACF/VTAM Concepts and Planning, GC38-0282, is a prerequisite publication.
Manual, 8 1/2 x 11 inches, 200 pgs, 7/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY27-8016

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) LOGIC, PROG PROD 5735-RC2 (OS/VS)
This manual is the second part of a two-part description of the logic of the Advanced Communications Function of the Virtual Telecommunication Access Method (ACF/VTAM) for OS/VS Systems. The first part is the Introduction to ACF/VTAM Logic, which describes the high level logic of ACF/VTAM. This manual describes the lower-level logic, which includes system-dependent logic. This manual is intended primarily to help IBM program systems representatives to quickly locate failures in the access method. The Introduction to ACF/VTAM Logic should be read first to get an understanding of the high-level logic, followed by this manual for more detailed information.

Included in this publication are HIPO diagrams that describe the Logic of ACF/VTAM components, control flow diagrams which show the flow of control between modules, and module synopsis information about each ACF/VTAM module. This information should enable the PSR to determine the module that performs a particular function and how control passes to and from that module.
Manual, 8 1/2 x 11 inches, 800 pgs, 12/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY27-8018

ACF/VTAM LOGIC, PROG PROD 5746-RC3 (DOS/VS)
This manual is the second part of a two-part description of the logic of the Advanced Communications Function of the Virtual Telecommunication Access Method (ACF/VTAM) for DOS/VS. The first part is the Introduction to ACF/VTAM

Logic, which describes the high level logic of ACF/VTAM. This manual describes the lower-level logic, which includes system-dependent logic. This manual is intended primarily to help IBM program systems representatives to quickly locate failures in the access method. The introduction to ACF/VTAM Logic should be read first to get an understanding of the high-level logic, followed by this manual for more detailed information.

Included in this publication are HIPO diagrams that describe the logic of ACF/VTAM components, control flow diagrams which show the flow of control between modules, and module synopsis information about each ACF/VTAM module. This information should enable the PSR to determine the module that performs a particular function and how control passes to and from that module.
Manual, 8 1/2 x 11 inches, 800 pgs, 7/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY27-8022

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), MULTISYSTEM NETWORKING FACILITY LOGIC, PROG PROD 5746-RC3 (OS/VS), 5735-RC2 (OS/VS)
This manual describes the logic of the Multisystem Networking Facility, a feature for ACF/VTAM. This manual supplements ACF/VTAM Logic, LY27-8018 (for DOS/VS) and LY27-8016 (for OS/VS). This manual describes the logic that is unique for the Multisystem Networking Facility, not the logic of ACF/VTAM. This manual is intended primarily to help IBM program systems representatives to locate failures in the Multisystem Networking Facility code. The Introduction to ACF/VTAM Logic, LY27-8014, should be read first to get an understanding of the high-level logic.
This manual contains detailed information which relates the components of the Multisystem Networking Facility to the components of ACF/VTAM, describes the function of each of the Multisystem Networking Facility components, and gives module details which should enable the reader to identify a particular module that performs a certain function.
Manual, 8 1/2 x 11 inches, 148 pgs, 7/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY27-8024

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), LIC PROG 5735-RC2 ENCRYPT/DECRYPT FEATURE 6010, LOGIC
This manual describes the logic of the Encrypt/Decrypt feature of ACF/VTAM and is intended primarily to help programmers to locate failures.
Manual, 8 1/2 x 11 inches, 84 pages, 1/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY27-8026

NETWORK OPERATION LOGIC, PROG PROD 5735-XX2 (DOS/VS, OS/VS)
This manual explains the program logic of the Network Operation Support Program (NOSP). NOSP is a program product that provides an alternative to the system console as a means to controlling complex data communication networks.
This manual is intended for program support representative and others who need to know the internal logic for NOSP and it is a supplement to the NOSP Program Listing.
Manual, 8 1/2 x 11 inches, 100 pgs, 7/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY27-8028

ACF/VTAM LOGIC: VTIOC AND TCAS PROGRAM PRODUCT
This manual describes the internal organization and logic of the ACF/VTAM terminal I/O coordinator (VTIOC) and the terminal control address space (TCAS). It is intended for people who are debugging or modifying VTIOC or TCAS.
Manual, 8 1/2 x 11 inches, 200 pages, 1/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY28-0773

OS/VS ENVIRONMENTAL RECORDING EDITING AND PRINTING (EREP) PROGRAM LOGIC, SUID 5741-601, 5752-827, ICR 5742
The OS/VS Environmental Recording Editing and Printing (EREP) Program Logic Supports Releases 4 and 6 of OS/VS1, Release 1.7 of OS/VS2 (SVS) and Releases 3.0, 3.6 and 3.7 of OS/VS2 (MVS).
This publication is intended for the IBM programming service representative, installation programmer, and others involved in maintaining or using the SYS1.LOGREC and/or Accumulation data sets.
The internal logic and organization of the IFCEREPI service aid, which prints records from the SYS1.LOGREC and/or Accumulation data sets for diagnostic purposes, is described.
Manual, 168 pages, 12/76
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY28-1017

OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT, LIC PROG 5740-XY6, LOGIC
This publication describes the internal logic and organization of the Cryptographic Unit Support for OS/VS2 MVS. This information is intended for the IBM program system representative who is responsible for program maintenance and for the installation's system programmer who is responsible for the installation, modification, and maintenance of the Cryptographic Unit Support.
Manual, 8 1/2 x 11 inches, 150 pages, 1/80

LY28

LY30

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-1018

OS/VS1 CRYPTOGRAPHIC UNIT SUPPORT PROGRAM LIC PROG 5740-XY6, LOGIC

This publication describes the internal logic and organization of the Cryptographic Unit Support for OS/VS1. This information is intended for the IBM program system representative who is responsible for program maintenance and for the installation's system programmer who is responsible for the installation, modification, and maintenance of the Cryptographic Unit Support. Manual, 200 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-1028

OS/VS2 MVS INPUT/OUTPUT CONFIGURATION PROGRAM, LIC PROG 5740-XYN, -XYS, LOGIC

This publication is intended for readers who maintain the input/output configuration program (IOCP). It documents the internal logic and organization of the version of IOCP that runs under control of the MVS System Control Program with MVS/System Products (5740-XYN and/or 5740-XYS).

Manual, 8 1/2 x 11 inches, 120 pages, 10/80

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-1050

OS/VS2 MVS SYSTEM INITIALIZATION, LIC PROG 5740-XYN, -XYS, LOGIC

This manual describes the initialization logic of the MVS System with the MVS System Product (JES2 or JES3) and is intended for use by system programming support personnel.

Manual, 8 1/2 x 11 inches, 466 pages, 12/80

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-1059

OS/VS2 MVS GLOBAL RESOURCE SERIALIZATION, LIC PROG 5740-XYN, -XYS, LOGIC

This book contains logic information about the global resource serialization modules of the MVS control program. It is intended for persons who want to debug or modify these modules. The book is divided into three sections. Section 1 contains an introduction to global resource serialization and control block overviews. Section 2 contains method-of-operation diagrams for global resource serialization modules. Section 3 contains module descriptions of all global resource serialization modules.

Manual, 8 1/2 x 11 inches, 325 pages, 12/80

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY28-6423

DOS/VS COBOL COMPILER AND LIBRARY, LIC PROG 5746-CB1, LOGIC (CURRENT RELEASE)

This publication describes the internal design of the IBM DOS/VS COBOL compiler. It is intended for use by persons involved in program support and by system programmers involved in altering the program design for installations requiring such alteration. This publication supplements the compiler listing and its comments, but is not a substitute for them.

Effective use of this manual requires an understanding of the IBM Operating System and of the IBM DOS/VS service programs and macro instructions. Knowledge of both IBM DOS/VS COBOL and the IBM Assembler Language is a prerequisite. Reference publications for this information are listed in the preface of this manual.

Manual, 542 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY30-3024

IBM 3650 SUBSYSTEM PROGRAM PREPARATION SUPPORT TRANSFORMATION DEFINITION LANGUAGE TRANSLATOR LOGIC

This publication describes the logic of the Transformation Definition Language (TDL) of the IBM 3650 Subsystem Program Preparation Support (SPPS). The translator is the code by which TDL statements are converted into formatted output records. At a later time, certain output records from the translator are transmitted to the IBM 3650 for use in operating keyboard/displays and line printers.

This publication is a supplement to the program listings of the TDL translator portion of the SPPS. As a logic manual, it can be used to diagnose and maintain the existing TDL translator; it is not designed to alter the translator to perform other functions. The programming support representative using this publication should have a basic knowledge of the IBM System/370 OS/VS and DOS/VS and use the SPPS Programmer's Guide.

There are six sections which are useful in retrieving specific kinds of information:

- o Section 1: An Overview of the TDL Translator Logic is an introduction to the translator and its input, internal logic, output, and additional services.
- o Section 2: Method of Operation uses charts to illustrate functional relationships in the translator.
- o Section 3: Program Organization consists of a series of figures relating the basic modules types and their calling sequences.
- o Section 4: Directory contains a list of translator modules, their function, and their inputs and outputs.
- o Section 5: Data Areas has two parts: the first illustrates how the translator uses tables and table entries,

- o and the second gives a detailed layout of each table.
- o Section 6: Diagnostic Aids has three parts: the first suggests techniques for diagnosing troubles, the second illustrates dumps and how to read them, and the third contains a list of error messages and the modules which detect them.

In addition, each section can be cross-referenced to the other sections. As a result, you can use it in two ways: first, as a diagnostic aid in going from detail problem symptom up to the functional description, and second, as an aid to understanding internals by progressing from the introductory overview down to the details of modules and translated input text.

Manual, 150 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY30-3029

IBM 3705 ADVANCED COMMUNICATION FUNCTION FOR NETWORK CONTROL PROGRAM/VS (VERSION 6) HANDBOOK, NCP 5735-XX1;

EP OS 360E-TX-035; OS/VS 5744-AN1; DOS/VS 5747-AG1
This handbook contains detailed information about the Advanced Communications Function for Network Control Program/VS (ACF/NCP/VS) and Emulation Program (EP) data areas. It also contains debug and reference information such as command codes, abend codes, responses, MDR record formats, etc.

This handbook is meant to be a supplement to other related manuals listed in the preface.

Handbook, 6 3/4 x 3 3/4 inches, 312 pages 6/77

SLSS - ORDER NO. SUBSCRIPTION ONLY

LY30-3030

IBM 3705 ADVANCED COMMUNICATIONS FUNCTION FOR NETWORK CONTROL PROGRAM/VS, NCP VER 6, LIC PROG 5735-XX1, XX3, LOGIC

This publication covers the internal logic of the IBM 3705 Communications Controller, Advanced Communications Function for Network Control Program/VS (ACF/NCP/VS), Version 6. Version 6 of the NCP operates under OS ACF/VTAM, DOS ACF/VTAM, and DOS ACF/TCAM. This PLM is designed to supplement the program listings for the NCP and to make access to the information in the listings easier.

The ACF/NCP/VS PLM is directed to the IBM support representatives and system engineers who provide program maintenance and who need information on the internal organization and logic of ACF/NCP.

Manual, 8 1/2 x 11 inches, 812 pgs, 7/77

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY30-3036

ADVANCED COMMUNICATION FUNCTION FOR TCAM LOGIC PROG PROD 5735-RC1

Provides the information required for persons involved in keeping the program operational.

This publication is a reference manual for ACF/TCAM system control program and base program, feature number 9001.

It contains an introduction, a method of operation section, a program organization section, a diagnostic aids section, and various appendices.

PREREQUISITE PUBLICATIONS

Advanced Communication Function for TCAM Concepts and Planning, GC30-3049 for general information. Advanced Communication Function for TCAM Systems Programmer's Guide, SC30-3117, to learn how to construct and modify a TCAM MCP.

Manual, 8 1/2 x 11 inches, 20 pgs, 12/77

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY30-3037

ADVANCED COMMUNICATION FUNCTION FOR TCAM, LIC PROG 5735-RC1, REFERENCE SUMMARY

Provides information required for persons involved in keeping the program operational.

This publication is a reference manual for ACF/TCAM system control program and base program, feature number 9001.

It contains a section on data area layouts, a section containing a list of ACF/TCAM modules by library, a section on ACF/TCAM FID0 and FID1 commands and modifiers, a section on system network architecture exception codes, a section on operator control commands and a section listing common ACF/TCAM acronyms and abbreviations.

PREREQUISITE PUBLICATIONS

Advanced Communication Function for TCAM Logic LY30-3036. Handbook, 3 3/4 x 6 3/4 inches, 330 pgs, 12/77

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY30-3039

ADVANCED COMMUNICATION FUNCTION FOR TCAM LOGIC

This publication is a reference manual for ACF/TCAM system control program base program feature number 9001, and multisystem networking facility feature number 6003. It is directed to the IBM program support representatives and the systems engineers who provide program maintenance and who need information on the internal organization and logic of ACF/TCAM. It is a licensed publication available only to holders of an ACF/TCAM license. This manual describes general ACF/TCAM concepts that should be understood before approaching the specifics of the internal logic. The internal logic documentation covers:

- Functional flow of ACF/TCAM operations
- Program organization and operation of ACF/TCAM
- Diagnostic aids

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- Aids in the use and servicing of ACF/TCAM
Prerequisite publications for this manual are:
 - ACF/TCAM, Version 2 General Information: Functional Description, GC30-3131, for general information
 - ACF/TCAM, Version 2 Installation Guide, SC30-3132, to learn how to construct and modify a TCAM MCP Manual, 8 1/2 x 11 inches, 850 pages, 5/79
 - SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- SC30-3153, to learn how to construct and modify an ACF/TCAM MCP
- ACF/TCAM, Version 2, Diagnosis Guide, SC30-3155, to learn how to gather the information described by the ACF/TCAM, Version 2, Diagnosis Reference Manual, 3 3/4 x 6 3/4 inches, 590 pages, 10/80
 - SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LY30-3041
ACF/NCP/VS NETWORK CONTROL PROGRAM, LIC PROG 5735-XX1, LOGIC (CURRENT RELEASE)
This publication covers the internal logic of Advanced Communications Function for Network Control Program/VS (ACF/NCP/VS), Release 2. ACF/NCP/VS operates under OS/VS ACF/TCAM, DOS/VS ACF/TCAM, and OS/VS ACF/TCAM.
This logic manual is designed to supplement the program listings for the NCP and to facilitate access to the information in the listings.
The ACF/NCP/VS logic manual is directed to the IBM support representatives and systems engineers who provide program maintenance and who need information on the internal organization and logic of ACF/NCP. This manual is a licensed publication available only to holders of an ACF/NCP/VS license.
Prerequisite Publication: ACF/NCP/VS (Network Control Program) Program Reference Summary, LY30-3043.
Manual, 8 1/2 x 11 inches, 933 pages, 6/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LY30-3042
ACF/TCAM, VERSION 2, LIC PROG 5735-RC3, REFERENCE SUMMARY
This publication is a reference manual for ACF/TCAM system control program, base program - feature number 9001, and the Multisystem Networking Facility - feature number 6003. It contains data area layouts, a list of relative priorities in ACF/TCAM, FID1 and FIDO commands and modifiers, operator control commands, and ACF/TCAM acronyms and abbreviations.
Manual, 8 1/2 x 11 inches, 575 pages, 5/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LY30-3043
ACF/NCP/VS NETWORK CONTROL PROGRAM, LIC PROG 5735-XX1, RELEASE 2 PROGRAM REFERENCE SUMMARY
This manual provides the system programmer and IBM program support representative with reference information about the Advanced Communications Function for Network Control Program/VS (ACF/NCP/VS), Release 2 and the Partitioned Emulation Programming (PEP) Extension. The Advanced Communications Function for the Network Control Program/VS controls the transmission of data between the host processor and the remote stations in the network connected to the IBM 3705 Communications Controller.
Manual, 8 1/2 x 11 inches, 396 pages, 5/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LY30-3051
3705 GENERATION AND LOGIC MANUAL FOR PROGRAMMING RPO P85032, PARTITIONED EMULATION PROGRAM EXTENDED FEATURES LIC PROG 5799-EAF
This publication describes the changes to the current versions of the Emulation Program and Network Control Program (under PEP) that provide support for the Extended Features Program, PRPQ P85032. The 3705 PEP Extended Features Program and ACF/NCP/VS Release 2 (under PEP). These additional functions give the 3705 user new capabilities that make a total data communication system more flexible. The additional functions provided are: System Select (EP and NCP applications), Automatic Speed Selection (EP and NCP connections), Code Conversion (EP lines only), Operator Console Support, EP Multiple Host Support (maximum of four type 4 channel adapters), Statistics Gathering (EP lines only). The manual is intended for the systems programmer responsible for generating the Emulation Program and for the program support representative concerned with program logic information. The reader is assumed to have a conceptual knowledge of the current Emulation Program.
Manual, 8 1/2 x 11 inches, 184 pages, 2/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LY30-3052
ACF/TCAM, VERSION 2, LIC PROG 5735-RC3, DIAGNOSIS REFERENCE
This publication is a reference manual for ACF/TCAM system control program, base program feature number 9001, and Multisystem Networking Facility feature number 6003. It is directed to the IBM program support representatives and the systems engineers who provide program maintenance and who need information on the internal organization and logic of ACF/TCAM.
This manual describes general ACF/TCAM concepts that should be understood before approaching the specifics of the internal logic. The internal logic documentation covers functional flow of ACF/TCAM operations, program organization and operation of ACF/TCAM, diagnostic aids, and aids in the use and servicing of ACF/TCAM.
Prerequisite publications for this manual are:
 - ACF/TCAM, Version 2, General Information: Functional Description, GC30-3131, for general information
 - ACF/TCAM, Version 2, Base Installation Guide, SC30-3132, and ACF/TCAM, Version 2, Networking Installation Guide,
- LY30-3057
ACF/NCP/VS NETWORK CONTROL PROGRAM, LIC PROG 5735-XX1, LOGIC
This publication covers the internal logic of the Advanced Communications Function for Network Control Program/VS (ACF/NCP/VS), Release 3. ACF/NCP/VS operates under OS/VS ACF/VTAM, DOS/VS, ACF/VTAM, and OS/VS ACF/TCAM. This logic manual is designed to supplement the program listings for the NCP and to facilitate access to the information in the listings.
The ACF/NCP/VS logic manual is directed to the IBM support representatives and systems engineers who provide program maintenance and who need information on the internal organization and logic of ACF/NCP. This manual is a licensed publication available only to holders of an ACF/NCP/VS license.
Prerequisite publication: ACF/NCP/VS (Network Control Program) Reference Summary, LY30-3058.
Manual, 8 1/2 x 11 inches, 1116 pages, 10/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LY30-3058
ACF/NCP/VS, NETWORK CONTROL PROGRAM, LIC PROG 5735-XX1, RELEASE 3.0, PROGRAM REFERENCE SUMMARY
This manual provides the system programmer and IBM program support representative with reference information about the Advanced Communications Function for Network Control Program/VS (ACF/NCP/VS), Release 3.0 and the Partitioned Emulation Programming (PEP) Extension. The Advanced Communications Function for the Network Control Program/VS controls the transmission of data between the host processor and the link-attached stations in the network connected to the IBM 3705 Communications Controller.
Manual, 3 3/4 x 6 3/4 inches, 590 pages, 10/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LY30-3059
ACF/NCP/VS SYSTEM SUPPORT PROGRAM, LIC PROG 5735-XX1, -XX3, DIAGNOSIS REFERENCE
The purpose of this publication is to assist the IBM program support representative in problem resolution for the IBM 3705 Loader and Dump utilities.
Each program is documented with flow of control diagrams, module synopsis, and with error message to error detecting module linkages.
Manual, 8 1/2 x 11 inches, 136 pages, 10/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LY30-3067
3705 EMULATION PROGRAM GENERATION AND LOGIC MANUAL FOR PROGRAM SUPPORT FOR HARDWARE RPO V668805, LICRA LINE CONTROL 5799-ATD
This document contains information reflecting changes to the Emulation Program required for support of LICRA Line Control, PRPQ P85027. The document is intended for analysts and programmers responsible for the generation and maintenance of the Emulation Program, and for IBM system engineers and field engineers. It is assumed that the reader has a conceptual knowledge of the LICRA Line Control supported by the RPO for the IBM 2701 Transmission Control Unit.
Corequisite Publications:
IBM 3704 and 3705 Communications Controllers Emulation Program Generation and Utilities Guide and Reference Manual, GC30-3002.
IBM 3704 and 3705 Communications Controllers Emulation Program, Program Logic Manual, SY30-3001 (for type 1 channel adapters), or SY30-3031 (for type 4 channel adapters).
Manual, 8 1/2 x 11 inches, 58 pages, 2/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- SY32-5042
3851 MASS STORAGE FACILITY THEORY OF OPERATIONS: CARTRIDGE STORE
This publication is written for the customer engineer who maintains a 3851 Mass Storage Facility. A significant portion of the information in this publication was originally included in the maintenance documentation for the IBM Mass Storage Facility. It describes the components of the cartridge store, their interrelationships, and how they locate a specific cartridge and move it to the required location.
Manual, 8 1/2 x 11 inches, 125 pages, 3/79
SLSS - ORDER NO. SUBSCRIPTION ONLY
- SY32-5043
MASS STORAGE FACILITY THEORY OF OPERATIONS: MASS STORAGE CONTROL
This publication provides a description of the hardware operation of the mass storage control portion of the 3851 Mass Storage Facility. It is intended for the IBM Customer Engineer who maintains the 3851 Mass Storage Facility. Additional users of this publication are the IBM program support representatives and personnel in the 3850 Mass

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Storage System support center.
Manual, 8 1/2 x 11 inches
SLSS - ORDER NO. SUBSCRIPTION ONLY

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Problem Determination) is intended for the newcomer to CICS/VS problem debugging. Part 2 deals with aids to problem determination (such as trace & dump). Part 3 summarizes CICS/VS operation. Part 4 describes CICS/VS interfaces with other access methods. Appendixes cover APAR documentation and common user errors.
Manual, 8 1/2 x 11 inches, 282 pages, 7/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY32-5044

3851 MASS STORAGE FACILITY THEORY OF OPERATIONS: DATA RECORDING CONTROL AND DATA RECORDING DEVICE
This publication is intended to give its reader a thorough understanding of the data recording control and data recording device portions of the 3851 Mass Storage Facility. It includes both introductory information and detailed descriptions of these devices.

This manual is written for the customer engineer who maintains a 3851 Mass Storage Facility. Additional users of this publication are the program support representative and personnel in the 3850 Mass Storage System support center. It is expected that all users of this manual have a general understanding of the concepts and operations of the 3850 Mass Storage System and System/370.
Manual, 8 1/2 x 11 inches, 240 pages, 3/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY33-6032

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, LOGIC
The IBM Customer Information Control System/Virtual Storage (CICS/VS) is a data-base/data-communication system that provides an interface between a System/370 operating system and user-written application programs. Applicable in most online environments, CICS/VS provides many of the facilities for standard applications: message switching, inquiry, data collection, order entry, and conversational and batched data entry.

CICS/VS is available as two program products: CICS/DOS/VS, which is executed under control of the Disk operating System/Virtual Storage (DOS/VS), and CICS/OS/VS, which is executed under Operating System/Virtual Storage (OS/VS1 or OS/VS2). Both program products consist of modular components from which a user installation can select and tailor a CICS/VS system to meet particular application processing needs. Because the CICS/DOS/VS system is compatible with the CICS/OS/VS system, it is possible to start with a small DOS/VS data base/data communication configuration and move up through DOS/VS into OS/VS. This publication, together with its companion publication CICS/DOS/VS Program Logic: Data Areas, deals with CICS/DOS/VS.

The information contained in this manual is of interest to persons servicing CICS/DOS/VS.
Manual, 8 1/2 x 11 inches, 912 pages, 6/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY32-5045

3851 MASS STORAGE FACILITY: REFERENCE
This publication is intended to give its readers concise information about the topics mentioned below, some of which are not available elsewhere. It should be treated as a companion manual to the maintenance documentation for the Mass Storage System. Although this publication is mainly concerned with the 3851 Mass Storage Facility, we have incorporated information about the Staging Adapter wherever circumstances made such inclusions necessary.

The primary audience is the IBM customer engineer who maintains the 3851 Mass Storage Facility. Additional users are the program support representative and personnel in the 3850 Mass Storage System support center. It is expected that the users of this publication have a general understanding of the concepts and operation of both the 3850 Mass Storage System and the System/370.
Manual, 8 1/2 x 11 inches, 200 pages, 3/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY33-6033

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, DATA AREAS (DOS/VS) CURRENT RELEASE
The IBM Customer Information Control System/Virtual Storage (CICS/VS) is a data-base/data-communication system that provides an interface between an IBM operating system and user-written application programs. Applicable in most online environments, CICS/VS provides many of the facilities for standard applications: message switching, inquiry, data collection, order entry, and conversational and batched data entry.

CICS/VS is available as two program products: CICS/DOS/VS, which is executed under control of Virtual Storage Extended/Advanced Functions, and CICS/OS/VS, which is executed under Operating System/Virtual Storage (OS/VS1 or OS/VS2). Both program products consist of modular components from which a user installation can select and tailor a CICS/VS system to meet particular application processing needs.

This publication deals only with CICS/DOS/VS, and is of interest to persons servicing CICS/DOS/VS. Additional servicing information is contained in the publication CICS/VS Diagnosis Reference.

Manual, 5/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-6028

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, LOGIC
The IBM Customer Information Control System/Virtual Storage (CICS/VS) is a data base/data communication system that provides an interface between a System/370 operating system and user-written application programs. Applicable in most online environments, CICS/VS provides many of the facilities for standard applications: message switching, inquiry, data collection, order entry, and conversational and batched data entry.

CICS/VS is available as two program products: CICS/DOS/VS, which executes under control of the Disk operating System/Virtual Storage (DOS/VS), and CICS/OS/VS, which executes under Operating System/Virtual Storage OS/VS1 or OS/VS2). Both program products consist of modular components from which a user installation can select and tailor a CICS/VS system to meet particular application processing needs. Because the CICS DOS/VS system is compatible with the CICS OS/VS system, it is possible to start with a small DOS/VS data base/data communication configuration and move up through DOS/VS into OS/VS. The information contained in this manual is of interest to persons servicing CICS DOS/VS.
Manual, 8 1/2 x 11 inches, 1330 pages, 7/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-6034

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5740-XX1, LOGIC
The IBM Customer Information Control System/Virtual Storage (CICS/VS) is a data base/data communication system that provides an interface between a System/370 operating system and user-written application programs. Applicable in most online environments, CICS/VS provides many of the facilities for standard applications: message switching, inquiry, data collection, order entry, and conversational and batched data entry.

CICS/VS is available as two program products: CICS/DOS/VS, which executes under control of the Disk operating System/Virtual Storage (DOS/VS), and CICS/OS/VS, which executes under Operating System/Virtual Storage OS/VS1 or OS/VS2). Both program products consist of modular components from which a user installation can select and tailor a CICS/VS system to meet particular application processing needs. This publication, together with its companion publication CICS/OS/VS Program Logic: Data Areas, deals with CICS/OS/VS.

Manual, 8 1/2 x 11 inches, 978 pages, 9/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-6029

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE, LIC PROG 5740-XX1, LOGIC
The IBM Customer Information Control System/Virtual Storage (CICS/VS) is a data-base/data-communication system that provides an interface between a System/370 operating system and user-written application programs. Applicable in most online environments, CICS/VS provides many of the facilities for standard applications: message switching, inquiry, data collection, order entry, and conversational and batched data entry.

CICS/VS is available as two program products: CICS/DOS/VS, which executes under control of the Disk Operating System/Virtual Storage (OS/VS1 or OS/VS2). Both program products consist of modular components from which a user installation can select and tailor a CICS/VS system to meet particular application processing needs. This publication deals with CICS/OS/VS, and all references to CICS/VS in this publication refer to CICS/OS/VS.

The information contained in this manual is of interest to persons servicing CICS/OS/VS.
Manual, 8 1/2 x 11 inches, 9/78
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-6035

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5740-XX1, PROGRAM ICGIC: DATA AREAS (OS/VS)
The IBM Customer Information Control System/Virtual Storage (CICS/VS) is a data base/data communication system that provides an interface between a System/370 operating system and user-written application programs. Applicable in most online environments, CICS/VS provides many of the facilities for standard applications: message switching, inquiry, data collection, order entry, and conversational and batched data entry.

CICS/VS is available as two program products:

SY33-6030

CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5740-XX1, 5746-XX3, PROBLEM DETERMINATION
The purpose of this manual is to help IBM Field Engineers and customer's system programmers in the debugging of problems which might be related to CICS/VS, to the way in which CICS/VS is used, or to the coding of application programs that run under CICS/VS. Part 1 (Approach to

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CICS/DOS/VS, which executes under control of the Disk Operating System/Virtual Storage (DOS/VS), and CICS/OS/VS, which executes under Operating System/Virtual Storage (OS/VS1 or OS/VS2). Both program products consist of modular components from which a user installation can select and tailor a CICS/VS system to meet particular application processing needs. This publication deals only with CICS/OS/VS, and is of interest to persons serving CICS/OS/VS. Additional servicing information is contained in the publication CICS/VS Diagnosis Reference. Manual, 9/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-8044

DOS/VS SORT/MERGE V2, LIC PROG 5746-SM2, LOGIC (CURRENT RELEASE)

FOR service personnel and development programmers who need to know about the design and organization of the DOS/VS Sort/Merge Version 2 Program Product (5746-SM2); describes its internal logic.
Manual, 8 1/2 x 11 inches, 124 pgs, 5/77
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY33-8560

DOS/VSE LIOCS VOLUME 2 SAM LOGIC

This reference publication is the second of four Logic Manuals that describe the internal logic of the Logical IOCS (Input/Output Control System) programs for the IBM Disk Operating System/Virtual Storage. The four related Logic Manuals are:

- Volume 1: General Information and Imperative Macros, SY33-8559
- Volume 2: SAM, SY33-8560
- Volume 3: DAM and ISAM, SY33-8561
- Volume 4: VSAM, SY33-8562

This manual is intended for use by persons involved in program maintenance and by system programmers who are altering the program design. Program logic information is not necessary for the operation of the program described. Effective use of this publication requires an understanding of IBM System/370 operation and the DOS/VS Assembler language and its associated macro definition language. Reference publications for this information are listed in the front of the manual.
Manual, 436 pages
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8564

DOS/VS ACCESS METHOD SERVICES LOGIC

This book describes the internal logic of the routines of Access Method Services and provides diagnostic information. This information is directed to maintenance personnel and development programmers who require an in-depth knowledge of the program's design, organization, and data areas. It is not required for effective use of Access Method Services.
Manual, 8 1/2 x 11 inches, 600 pages, 5/77
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY33-9083

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, -XE9, DIAGNOSIS REFERENCE: LOGICAL TRANSIENTS AND \$IJBSSXX PHASES (CURRENT RELEASE)

This publication provides information needed for isolating errors, if any, in the component's code. It is designed to serve as a bridge into the component's program listings. This publication provides information needed for isolating errors, if any, in the component's code. It is designed to serve as a bridge into the component's program listings.

The publication gives an overview of the logical transients and \$IJBSSXX phases documented in this manual. The publication also covers attention routines, terminator routines, various special service programs, and checkpoint/restart routines.
Manual, 8 1/2 x 11 inches, 328 pages, 7/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-9084

VSE/ADVANCED FUNCTIONS DIAGNOSIS REFERENCE, LIC PROG 5746-XE8, -XE9, INITIAL PROGRAM LOAD AND JOB CONTROL (CURRENT RELEASE)

This publication provides information needed for isolating errors, if any, in the component's code. It is designed to serve as a bridge into the component's program listings. The publication presents the information in sections as follows:

- The first section is an INTRODUCTION to the IPL and Job control programs summarizing their functions and those of the service programs and phases related to them.
- The next two sections show for each program the function-to-phase relationship, a verbal description of their sequence of operation, control flow and I/O flow graphs, and the storage layout.
- Then follows PROGRAM ORGANIZATION showing overview charts for each phase, some in pseudocode form, and detailed flowcharts for some.
- The next section, DATA AREAS, shows the layout of those data areas which have more than just a phase-internal significance.
- The last section, DIAGNOSTICS, contains label lists, phase-to-module and error-message cross references, LISTIO examples, and error codes.

Manual, 8 1/2 x 11 inches, 430 pages, 10/77

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SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-9085

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, -XE9, DIAGNOSIS REFERENCE: LINKAGE EDITOR (CURRENT RELEASE)

This publication provides information needed for isolating errors, if any, in the component's code. It is designed to serve as a bridge into the component's program listings. The publication presents the information in sections as follows:

- Introduction to the Linkage Editor.
- Method of operation, describing the function, the flow of the data and of control within the program, the storage layout, and certain features.
- Program Organization, describing in general and detailed charts the logic flow of the linkage editor program. General charts are identified by two-digit numbers, flowcharts by letters.
- Data Areas which include the formats of library records used by the program and of entries in the control dictionary and in the linkage table and the formats of the phase BULLLIST and of the LIPO module stack.
- Diagnostics which include label lists, a phase-to-module cross reference, and an error message list.

Manual, 8 1/2 x 11 inches, 112 pages, 10/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-9086

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, -XE9, DIAGNOSIS REFERENCE: AIDS (CURRENT RELEASE)

This publication provides information needed for isolating errors, if any, in the component's code. It is designed to serve as a bridge into the component's program listings.

Effective use of this publication requires an understanding of the IBM serviceability aid programs provided with VSE/Advanced Functions. Reference publications are listed in the preface of the manual.
Manual, 8 1/2 x 11 inches, 300 pages, 10/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-9087

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE9 COMPONENT ID 5745-SC-LBR RELEASE 2, DIAGNOSIS REFERENCE: LIBRARIAN (CURRENT RELEASE)

This publication is a detailed guide to the VSE/Advanced Functions Librarian Programs. It supplements the program listings by providing descriptive text, overview charts, and flow charts. Prerequisite reading are VSE/Advanced Functions System Control Statements, SC33-6096, and OS/VS, DOS/VSE, and VM/370 Assembler Language guide, GC33-4010.
Manual, 8 1/2 x 11 inches, 480 pages, 10/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-9088

VSE/ADVANCED FUNCTIONS DIAGNOSIS REFERENCE, LIC PROG 5746-XE8, -XE9, SYSTEM UTILITIES (CURRENT RELEASE)

This publication provides information needed for isolating errors, if any, in the components code. It is designed to serve as a bridge into the components program listings. The publication presents the information as follows:

- One section for each utility program.
- Each section provides introductory information, such as the purpose and function of the program, its organization, its storage requirements and environmental characteristics. The method of operation is described by HIPO diagrams (any of A through Z) which also serve as page number prefixes. These diagrams together with the extended descriptions contain the information that supplements the program listings.
- Appendix A. Phase and Module Cross Reference List
- Appendix B. List of Referenced Labels
- Appendix C. Message Cross Reference List.

Manual, 8 1/2 x 11 inches, 650 pages, 10/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-9089

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, DIAGNOSIS REFERENCE MAINTAIN SYSTEM HISTORY PROGRAM (CURRENT RELEASE)

This publication provides information needed for isolating errors, if any, in the VSE/Advanced Functions Maintain System History Program. It is designed as a bridge into the components program listings.

Manual, 8 1/2 x 11 inches, 500 pages, 10/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-9090

VSE/FAST COPY DATA SET, LIC PROG 5746-AM4, DIAGNOSIS REFERENCE (CURRENT RELEASE)

This publication provides information needed for isolating errors, if any, in the component's code. It is designed to serve as a bridge into the component's program listings.

The publication presents the information in the form of HIPO charts along with a cross reference list for modules and messages issued by the program.

Effective use of this publication requires an understanding of the VSE/Fast Copy Data Set program as described in VSE/Fast Copy Data Set, Installation Reference, SC33-6082.
Manual, 8 1/2 x 11 inches, 70 pages, 10/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

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LY33-9091

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, COMPONENT IDS 5745-SC-SUP, -AIT, -DKE, DIAGNOSIS REFERENCE SUPERVISOR (CURRENT RELEASE)

This logic manual is one of three detailed guides to the logic of the VSE/Advanced Functions Supervisor. It supplements the program listings by providing descriptive text and charts describing the organization of the supervisor area in real storage, the internal logic of the nucleus routines, the physical input/output control system, and the internal logic of the physical attention transient routines.

Titles and abstracts of other related publications are listed in the System/370 Bibliography, GC20-0001.

Manual, 8 1/2 x 11 inches, 668 pages, 10/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-9092

VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, -XE9, DIAGNOSIS REFERENCE: ERROR RECOVERY AND RECORDING TRANSIENTS

This publication provides information needed for isolating errors, if any, in the components code. It is designed to serve as a bridge into the components program listings. The publication presents the information in sections as follows:

- Introduction - this section gives an overview of the physical transients documented in this manual.
- Device-dependent error recovery procedures - this section covers the transients that respond to device-dependent error situations.
- Machine check and channel check handling - this section covers the transients that respond to machine check interrupts.
- Recovery management support recorder - this section covers the transients that write records of environmental data on the recorder file for analysis.
- Charts - this section documents the organization and the functions of the various transients on a structural level by using flowcharts as a documentation method.
- Appendixes - this section provides supplementary information for the previous sections, such as label list and cross references.

Manual, 8 1/2 x 11 inches, 360 pages, 10/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-9094

VSE/POWER, LIC PROG 5746-XE3, HANDBOOK

This publication provides a summary of VSE/POWER information for persons involved in program service activities. It contains, among others, a summary of the VSE/POWER operator commands and job entry control language, formats of important control blocks used by VSE/POWER and the RJE feature, and an overview of available service aids.

Manual, 100 pages, 7/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-9095

VSE/IPCS HANDBOOK RELEASE 1, LIC PROG 5746-SA1

This publication provides a summary of VSE/IPCS information for persons involved in program service activities. It contains, among others, a summary of the VSE/IPCS operator commands and explanations of problem definitions and dump types.

Manual, 24 pages, 7/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-9096

VSE/ICCF, LIC PROG 5746-TS1, HANDBOOK

This publication provides a summary of VSE/Interactive Computing and Control Facility information for persons involved in program service activities. It contains, among others: a summary of commands, statements, procedures, and macros accepted by the product; control blocks and areas used by the product; and an overview of available service aids.

Manual, 3 3/4 x 6 3/4 inches, 80 pages, 2/81

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-9097

VSE/OPERATOR COMMUNICATION CONTROL FACILITY, LIC PROG 5746-XC5 DIAGNOSIS REFERENCE

This publication contains information on the design and organization of the VSE/Operator Communication Control Facility (VSE/OCCF); it supplements the program listings.

An overview discusses the VSE/OCCF functions and their relationship, shows the partition layout, and outlines the requirements for operation.

The design information gives an internal view of VSE/OCCF. It describes the communication between the various parts of the program and the interfaces to other programs; it explains in detail the functions of the VSE/OCCF modules, register and data area usage, and flow of control.

Organization information provides, for quick reference, a module-to-function cross-reference list. The publication includes various lists and tables, such as a message-to-module cross-reference, to aid in problem tracing. A detailed description of the VSE/OCCF internal macros is included.

Manual, 8 1/2 x 11 inches, 80 pages, 7/80

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-9098

VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1, DIAGNOSIS REFERENCE (CURRENT RELEASE)

This publication is intended for use by persons who have to do service or maintenance on the licensed program VSE/Interactive Computing and Control Facility (ICCF). The manual is basically a description of ICCF's program logic.

Program logic information is not needed for normal operation of ICCF; it is a supplement to the program listings.

This Diagnosis Reference manual expands on the information given in VSE/ICCF Diagnosis Guide, SC33-6119.

Manual, 8 1/2 x 11 inches, 400 pages, 7/80

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY33-9101

VSE/ADVANCED FUNCTION LIC PROG 5746-XE8, HANDBOOK (CURRENT RELEASE)

This manual is provided as a VSE/Advanced Function Release 2 serviceability aid and is a summary of other VSE/Advanced Function Release 2 documentation.

Manual, 3 5/8 x 6 3/4 inches, 426 pages, 7/80

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY35-0028

IMS/VS DATA BASE RECOVERY CONTROL FEATURE, LIC PROG 5740-XX2, ICGIC

This book describes the logic of the programs that comprise the IMS/VS Data Base Recovery Control Feature. The book is intended to be used as a reference book by customer system programmers and IBM programming support personnel who are responsible for maintenance of the feature.

Manual, 8 1/2 x 11 inches

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY35-0030

DEVICE SUPPORT FACILITIES, SUID 5752-884, LOGIC (CURRENT RELEASE)

Describes the internal logic of the Device Support Facilities Program. The customer engineer uses this manual to find where to go in the program listings when he encounters a problem in the program.

Manual, 8 1/2 x 11 inches, 40 pages, 9/78

SLSS - ORDER NO. SUBSCRIPTION ONLY

LY35-0037

OS/VS1 MASS STORAGE SYSTEM EXTENSIONS LOGIC: MSS COMMUNICATOR (MSSC)

Describes the logic of the OS/VS1 Mass Storage System Extensions Communicator routines and provides diagnostic information about them. This information is directed toward support personnel who require an in depth knowledge of the design, organization and data area routines.

Manual, 8 1/2 x 11 inches, 1/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY35-0038

OS/VS2 MVS MASS STORAGE SYSTEM EXTENSIONS MSS COMMUNICATOR (MSSC), LIC PROG 5740-XYG, LOGIC

This publication describes the logic of OS/VS2 MVS Mass Storage System Communicator (MSSC) routines and provides diagnostic information. This information is for support personnel who require an in depth knowledge of MSSC's design, organization, and data areas.

Manual, 8 1/2 x 11 inches, 450 pages, 1/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY35-0039

OS/VS MASS STORAGE SYSTEM EXTENSIONS LOGIC: MSS SERVICES, LIC PROG 5740-XYG

This publication describes the internal logic of the function support routines (FSRs) that support the Mass Storage System Extensions and provides diagnostic information.

This information is directed to support personnel and development programmers who need an in-depth knowledge of the function support routines design, organization, and data areas.

Manual, 8 1/2 x 11 inches, 275 pages, 1/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY38-3010

NETWORK COMMUNICATIONS CONTROL FACILITY LIC PROG 5735-XX6 LOGIC (CURRENT RELEASE)

This manual describes the program logic of the Network Communications Control Facility, an IBM program product. Users should have a basic knowledge of OS/VS or DOS/VSE, VSAM, and VTAM or TCAM.

The manual describes the basic structures and functions of NCCF, method-of-operation, NCCF modules, major NCCF control blocks, and diagnostic aids. Three appendices discuss the NCCF macros, NCCF files, and logic differences for NCCF in DOS/VSE.

This manual is intended for IBM personnel who are responsible for program maintenance. System programmers may be interested in parts of the manual.

Manual, 8 1/2 x 11 inches, 280 pages, 9/80

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

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SY38-3012

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY LIC PROG 5746-RC7, DIAGNOSTIC TECHNIQUES (CURRENT RELEASE)
This publication describes approaches to debugging with an ACF/VTAME data communication system. It presents the guidelines, tools, and information needed to diagnose and correct problems in application programs and data communication networks that use ACF/VTAME. The publication provides information about ACF/VTAME diagnostic aids and summarizes some service aids that are described in other products' publications. Information useful for debugging I/O problems also is included. Appendixes contain additional information about correlated network component publications, summarize PIU formats, list states found in control-block finite state machines, and summarize the procedure for submitting an APAR. The final appendix contains an easily removed control block overview.
This publication is intended for use by anyone who needs to isolate, diagnose, and fix a problem in an ACF/VTAME domain.
Manual, 8 1/2 x 11 inches, 312 pages, 9/79
////5746-RC7

LY38-3013

ACF/VTAME, LIC PROG 5746-RC7, LOGIC OVERVIEW (CURRENT RELEASE)
This manual is intended for maintenance personnel to obtain an overview of ACF/VTAME Logic for purposes of maintaining the program product at an operation level.
8 1/2 x 11 inches, 125 pages, 6/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY38-3014

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY, LIC PROG 5746-RC7, LOGIC (CURRENT RELEASE)
This manual is the second part of a two-part description of the logic of the Advanced Communications Function for VTAM Entry. The first part is the ACF/VTAME Logic Overview, which describes the high level logic of ACF/VTAME. This manual describes the lower level logic, including system-dependent logic. This manual is primarily intended to help IBM program systems representatives quickly locate failures in the access method.
Included in this publication are BIPO diagrams that describe the logic of ACF/VTAME components, control flow diagrams which show the relationship between modules, and a synopsis of each ACF/VTAME module. With this information, a PSR can determine what module performs a particular function and how control passes to and from that module.
Manual, 8 1/2 x 11 inches, 7/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY38-3016

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY LIC PROG 5746-RC7, DATA AREAS (CURRENT RELEASE)
This manual describes the data areas used by ACF/VTAME. It is intended for IBM program system representatives and customer personnel who diagnose problems with ACF/VTAME. This publication contains data maps of all data areas used by ACF/VTAME.
Manual, 8 1/2 x 11 inches, 7/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY38-3018

NETWORK TERMINAL OPTION, LIC PROG 5735-XX7, DIAGNOSIS & LOGIC
This manual describes the logic of the Network Terminal Option (NTO) Program Product. This program product resides in the ACF/NCP and is used to allow selected START/STOP terminals to look like SNA devices (PU Type 1/LU Type 1) to the rest of the network. This manual is to be used by PSRs and Customer System Programmers to locate and fix NTO problems.
Manual, 8 1/2 x 11 inches, 300 pages, 3/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY38-3020

ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5746-RC3, DIAGNOSTIC TECHNIQUES (CURRENT RELEASE)
This manual contains diagrams and other information about data areas, control blocks, parameter lists and work areas used by ACF/VTAM under OS/VS. This information is designed to be used with ACF/VTAM logic manuals, debugging guides, and microfiche listings to assist in diagnosing program malfunctions.
Manual, 8 1/2 x 11 inches, 800 pages, 9/79
////5746-RC3

LY38-3021

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) RELEASE 2, LIC PROG 5746-RC3, 5735-RC2 (OS) LOGIC: OVERVIEW (CURRENT RELEASE)
This manual is intended for maintenance personnel to obtain an overview of ACF/VTAM Logic for purposes of maintaining the program product at an operation level.
Manual, 8 1/2 x 11 inches, 125 pages, 3/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY38-3022

ADVANCED COMMUNICATION FUNCTION FOR VTAM, LIC PROG 5746-RC3, DIAGNOSIS REFERENCE (CURRENT RELEASE)
For ACF/VTAM Release 3, this manual replaces the following manuals: ACF/VTAM Logic: Base System, Volume 1 (LY38-3022-0); ACF/VTAM Logic: Base System, Volume 2 (LY38-3024-0); ACF/VTAM Logic Overview (LY38-3021-1); ACF/VTAM Control Block Overview.
This manual contains a description of ACF/VTAM logic, control blocks, and components. It also contains control flow and method-of-operation diagrams (HIPOs and module flow diagrams).
A system programmer should use this manual in conjunction with the ACF/VTAM Diagnosis Guide to determine the failing function and module of the access method. The Diagnosis Reference does not support problem determination below the module level.
Manual, 8 1/2 x 11 inches, 1200 pages, 1/81
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY38-3023

ADVANCED COMMUNICATIONS FUNCTION FOR BTAM (ACF/VTAM) LOGIC: MULTISYSTEM NETWORKING FACILITY, LIC PROG 5746-RC3, 5735-RC2, RELEASE 3
This manual describes the logic of the Multisystem Networking Facility, an optional feature of ACF/VTAM. It should be used in conjunction with ACF/VTAM Diagnosis Reference, LY38-3022 (VSE) or LY38-3027 (OS/VS), which describe the high-level logic of ACF/VTAM. This manual is intended to help IBM Program Support Representatives and customer system programmers to quickly locate failures in this feature of ACF/VTAM. Included in this publication are diagrams that describe the logic of components of this feature, the flow of control between modules, and module synopses.
Manual, 8 1/2 x 11 inches,
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY38-3024

ACF/VTAM, LIC PROG 5746-RC3, LOGIC VOLUME 2: PROGRAM ORGANIZATION AND MODULE DIRECTORY (CURRENT RELEASE)
This manual is the third part of a three part description of the logic of ACF/VTAM for OS/VSE. The first part is the manual ACF/VTAM Logic: Overview and the second part is the manual ACF/VTAM Logic: Base System Volume 1, Method of Operation. The three manuals are intended primarily to help IBM program systems representatives quickly locate failures in the access method. This manual contains program organization information consisting of control flow diagrams and module synopses and module directory, that is a cross reference table that lists every ACF/VTAM module, its phase name, entry point, and the numbers of the MO diagrams in which it appears.
Manual, 8 1/2 x 11 inches, 4/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY38-3025

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ACF/VTAM ENCRYPT/DECRYPT FEATURE, LIC PROG 5735-RC2, RELEASE 2
This manual describes the logic of the Encrypt/Decrypt Feature of the Advanced Communications Function for the Virtual Telecommunications Access Method (ACF/VTAM). This feature can be used in the OS/VS1 and OS/VS2 MVS verisons of ACF/VTAM and can be used with or without the Multisystem Networking Facility of ACF/VTAM.
This manual supplements ACF/VTAM Diagnosis Reference (OS), LY38-3027, which is a prerequisite to this manual.
This manual is intended primarily to help IBM program support representatives to locate failures in the Encrypt/Decrypt Feature code.
Manual, 8 1/2 x 11 inches, 80 pages, 9/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY38-3026

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5746-RC3, DATA AREAS (CURRENT RELEASE)
This manual is intended for maintenance personnel to diagnose or maintain ACF/VTAM Release 2 installed on a DOS/VSE operating system. The control blocks described are used to map areas of ACF/VTAM Release 2. This manual should be used in conjunction with the Logic Overview and Base System Logic manuals for the appropriate operating system (DOS/VSE).
Manual, 8 1/2 x 11 inches, 550 pages, 3/79
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY38-3027

ADVANCED COMMUNICATION FUNCTION FOR VTAM, LIC PROG 5735-RC2, DIAGNOSIS REFERENCE
For ACF/VTAM Release 3, this manual replaces the following manuals: ACF/VTAM Logic: Base System, Volume 1 (LY38-3022-0); ACF/VTAM Logic: Base System, Volume 2 (LY38-3024-0); ACF/VTAM Logic Overview (LY38-3021-1); ACF/VTAM Control Block Overview (LY27-0013-0).
This manual contains a description of ACF/VTAM logic, control blocks, and components. It also contains control flow and method-of-operation diagrams (HIPOs and module flow diagrams).
A program systems representative should use this manual in conjunction with the Diagnosis Guide to determine the failing function and module of the access method. The Diagnosis Reference does not support problem determination

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below the module level.

Manual, 8 1/2 x 11 inches, 1200 pages, 9/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

predecessor systems indicates that providing this type of query and reporting facility to the end user potentially constitutes a significant productivity enhancement and can permit a wide variety of applications to be implemented without traditional programming.

The key to IQRP's value in permitting the end user to generate interactively his own applications is a simple, flexible, non-procedural, powerful set of commands. Use of IQRP predecessor systems within IBM has demonstrated that clerks, managers, administrative personnel, technical staff and production workers can quickly learn to use the IQRP query terms.

Availability Notice

////5796-PDG

5Y38-3029

ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), LIC PROG 5735-RC2, DIAGNOSTIC TECHNIQUES

This publication describes an approach to diagnosing ACF/VTAM problems and presents guidelines, tools, and information needed by program support representatives and system programmers to maintain system and application programs that use ACF/VTAM. The primary purposes of this publication are to:

- Provide information to enable the reader to use ACF/VTAM diagnostic facilities
- Summarize operating system serviceability aids described in other publications

Prerequisite publications for this manual are ACF/VTAM General Information: Concepts, and ACF/VTAM Installation. Manual, 8 1/2 x 11 inches, 8/79
////5735-RC2

G320-1621

MARKETING PUBLICATIONS KWIC INDEX (USA)

This catalog indexes the titles and lists the prices of customer publications, including all those for system libraries and many other marketing publications, such as application briefs, educational and promotional literature, cassettes, videotapes, periodicals and photographs.

All titles are KWIC (keyword in context) titles. KWIC is an abbreviating retrieval system in which titles are expressed in no more than 30 characters and each such title is indexed under each practical keyword.

Among such keywords is #SUP, which creates a numerically sorted listing of all System Library Supplements (applying to Selectable Units and certain licensed programs) released before the edition date.

Conversely, Supplements applying to a given base number and edition may be found under that base number, where it appears in the title index as a keyword.

Similarly, those requiring the pseudonumbers for specific back editions (supporting prior releases of programs) will find them listed in the title index under the actual base order number.

Materials for the maintenance of IEM products are in the Customer Engineering KWIC Index, GY20-0073. Index, 8 1/2 x 11 inches, 348 pages, 7/81
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY38-3030

ACF/VTAM, LIC PROG 5735-RC2, DATA AREAS

This manual contains diagrams and information about data areas used by ACF/VTAM under OS/VS. A prerequisite publication is ACF/VTAM General Information Concepts, GC27-0463.

Manual, 8 1/2 x 11 inches, 800 pages, 9/80
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY38-3032

ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM) LOGIC: BASE SYSTEM VOLUME 2 PROGRAM ORGANIZATION AND MODULE DIRECTORY ACF/VTAM RELEASE 2

This manual is the third part of a three part description of the logic of ACF/VTAM for OS/VS1 and OS/VS2 MVS. Part one is the manual ACF/VTAM Logic: Overview and part two is the manual ACF/VTAM Logic: Base System Volume 1, method of Operations.

The manuals are intended to help IBM program systems representatives locate failures in the access method. This manual contains descriptions of the modules, control flow diagrams, and a list of the modules, description names, and their load of object modules.

Manual, 8 1/2 x 11 inches, 8/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

G320-5394

A GUIDE TO ESTABLISHING, ORGANIZING, AND MAINTAINING A SYSTEM LIBRARY

This booklet, written by the Publication Project of the GUIDE International Corporation, tells how to establish and supervise a data-processing reference library, starting with practical suggestions on staffing - such as placing custody of the library in the hands of an administrator acquainted with the needs of the installation and the special language of data processing.

Next it covers the problem of where to place the library or its sections, from a small sublibrary on the console to three distinct libraries (for system programming, application programming, and operations) to a main, general library and a large number of mini-libraries. The pros and cons for user vs. administrator time for each approach are mentioned.

Also included is how to control the library, from minimal supervision of a rack and a table to big libraries and elaborate controlled-checkout. And how to organize the manuals, stack the manuals, and let users know what is available.

Included also is policy for initial ordering, under which the librarian meets with selected users, each armed with bibliographies and copies of the SLSS form, to sketch out the initial library; and, thereafter, the system for practical maintenance of the library through pruning and adding and immediate updating, to alter the weekly flow of new and update materials through continual feedback due to changing needs.

Manual, 7 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

LY38-3033

VIRTUAL MACHINE VTAM COMMUNICATIONS NETWORK APPLICATION LOGIC

This manual describes the internal logic of the Virtual Machine VTAM Communications Network Application program product. It is intended for IBM program support representatives and customer personnel who diagnose VM/VCNA problems. This publication includes six sections: a logic overview, module flows showing flow of control and explanation of processing, module synopsis. A module directory data areas, and diagnostic techniques.

Manual, 8 1/2 x 11 inches,

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S2C0-7275

3881/3886 ENGINEERING CHANGE ANNOUNCEMENTS AND SERVICE AIDS

Engineering Change Announcement Customer Engineering Memorandums (CEM's) announce the release of formal changes and provide Bill of Material numbers, as well as new improved parts, safety changes, corrections to problems, and maintenance reduction changes.

Microfiche,

SLSS - ORDER NO. SUBSCRIPTION ONLY

G229-2228

FIELD ENGINEERING PROGRAMMING SYSTEM GENERAL INFORMATION

For information on use of this form see Branch Office Manual FE Services section

General Subsection

Manual, 78 pages, 6-hole looseleaf and stapled

//36//5741,5652,5745-010,5745-020,5749,5752,5760-010, 5761-DS1

G232-0005

8809 MAGNETIC TAPE UNIT OPERATOR'S GUIDE

This guide contains the information needed to operate the IBM 8809 tape unit.

Reference card, 3 5/16 x 8 1/2 inches, 4 panels, 1979

//05/8809/

G320-5654

OS/DOS CICS/VS COBOL CALL INTERFACE, IUP 5796 AHK NOTICE

This document contains information on use of IUP 5796-AHK.

The CICS/CCOBOL Call Interface IUP (5796-AEG) provides a COBOL/CICE interface technique that eliminates the use of the CICS Preprocessor Program and makes writing and debugging of ANS COBOL/CICS application programs considerably easier. The new CICS/VS COBOL Call Interface IUP (5796-AHK), with the prerequisite IUP 5796-AEG, enables the CICS/VS user to take advantage of the additional functions of CICS/VS and comes with a new licensing agreement which includes an extended support period. Release Notice, 4 pages, 12/75
////5796-AHK

G320-1544

INTERACTIVE QUERY & REPORT PROCESSOR (IQRP), IUP 5796-PDG, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The Interactive Query and Report Processor (IQRP) enables the end user to interact, from a terminal, directly with files of interest to him using a free form set of commands which can be easy to learn. IBM experience with

G320-5680

VS1 PERFORMANCE TOOL, IUP 5796-PGL, NOTICE

VS1PT is a software monitor that measures the performance of a system running OS/VS1. It uses periodic statistical sampling, dynamic event tracing and event counting to record selected system status information. At requested intervals, the accumulated information is placed in a monitor output data set which can be EASE or magnetic tape. A database utility is also provided to allow the user to select and combine monitor output.

Subsequently, plots, detailed report, seek analysis, and load module usage reports can be generated from the monitor or database utility files. These reports can be used to

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evaluate overall performance or to analyze in detail specific areas of concern.
Flyer, 8 pages
////5796-PGL

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////5740-XXF,5746-XXC

G320-5684

DISKETTE SORT PROGRAM, IUP 5796-PGJ, NOTICE
This document contains information on use of the Diskette Sort Installed User Program which enables users of the IEM DOS/VS Sort/Merge Program, 5746-SML, to sort diskette files without first having to copy them onto tape or disk.
Highlights:

- o It provides a generalized Sort/Merge E15 exit routine to DOS/VS diskette users.
- o It provides improved performance to those sort users that need to sort diskette files, since the copying pass from diskette to tape or disk is no longer required.
- o It will dynamically determine the record length of the diskette records to be sorted.
- o The programming symbolic unit number used in conjunction with this program is determined at installation time and can be chosen such that no conflicts occur with the particular installation's standards.

Release Notice, 4 pages, 5/76
////5796-PGJ

G320-5686

BATCH TERMINAL SIMULATOR II, IUP 5796-PGT, NOTICE
This document contains information on use of Batch Terminal Simulator II (BTS II), a Productivity Aid for Application Program Testing under IMS/VS Version 1.1.1 and subsequent releases. BTS II is a terminal simulator that allows online IMS/VS application programs to be tested in an IMS/VS batch environment without the use of teleprocessing hardware. Extensive debugging facilities enable the BTS II user to test batch applications as well as those intended to run in a teleprocessing environment. BTS II supplies information about each transaction or message as it progresses through the IMS/VS system. It provides IMS/VS users with a comprehensive means of checking and debugging:

- o application program logic
- o IMS/VS interfaces
- o teleprocessing activity
- o 3270 format control blocks
- o data base activity

BTS II is a new product based upon BTS/VS with the 3270 Formatting Feature and released with an extended support period and significant enhancements. It is fully upward-compatible with BTS/VS and the 3270 Formatting Feature.
Release Notice, 6 pages, 5/76
////5796-PGT

G320-5771

IMS/VS VERSION 1 FUNCTION GUIDE, LIC PROG 5740-XX2
This level of the IMS/VS function guide describes all the functions or features which were added to the product since IMS/360 (Version 2.4) and up to IMS/VS 1.1.6.
Manual, 8 1/2 x 11 inches, 144 pages, 6/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5774

VSAM PRIMER AND REFERENCE
This manual contains general description of VSAM installation and performance guidelines, access method services description and examples, catalog considerations, storage size and working set figures, etc.
Manual, 8 1/2 x 11 inches, 306 pages, 12/8

G320-5775

IMS/VS VERSION 1 RELEASE 5 FAST PATH FEATURE DESCRIPTION AND DESIGN GUIDE
This document is intended to familiarize potential users of the Fast Path Feature with the characteristics of the product and to expand upon the documentation currently available in the IMS/VS SRL'e by providing additional design considerations.
Manual, 8 1/2 x 11 inches, 212 pages, 3/79
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5778

OPERATOR FACILITY (AOF) INSTALLATION GUIDE
The objectives of this document are to describe a step by step procedure for learning AOF and installing it quickly on a test/demo basis. The contents also gives guidelines on how to adapt AOF to a particular installation and provides an example of a user external to AOF to use it as an MTO Prompter or training aid.
Manual, 8 1/2 x 11 inches, 62 pages, 9/79
////5740-XYD

G320-5780

DB/DC DATA DICTIONARY, LIC PROG 5740-XXF, 5746-XXC IMPLEMENTATION PRIMER (CURRENT RELEASE)
The Implementation Primer addresses first time dictionary users. It gives recommendations about planning and phasing dictionary implementation, what data should be held in the dictionary, how it should be structured, and what standards are necessary. Extensive examples of procedure, JCL and command streams are provided.
Manual, 8 1/2 x 11 inches, 398 pages, 9/79

G320-5812

APL COMPUTER AIDED INSTRUCTION COURSE, IUP 5796-PJW, NOTICE
This publication describes the course which combines the potential benefits of interactive instructional techniques with the efficiencies of the APL language to provide a training package for APL users. Its modular structure allows both novices and experienced APL users to select lessons that fit their individual needs and to proceed to complete the course at their own pace usually within 20 to 25 study hours.
Flyer, 8 1/2 x 11 inches, 4 pages, 6/78
////5796-PJW

G320-5825

3800 90 DEGREE PRINT PROGRAM, S/370 OS/VS, DOS/VE, IUP 5796-ARE, -AWX, NOTICE
These Installed User Programs were developed by the New York State Legislature in Albany. They provide printing at 90 degrees to normal printer output. Full pages are rotated at 90 degrees one at a time and printed using the the 90 degree characters provided.
Applications requiring printing at greater density than 60 or 80 lines per page can be run on the IBM 3800 printing subsystem utilizing the paper width rather than the paper depth for printing. Many 3800 installations can benefit from the flexibility of being able to use either 8 1/2 by 11 inch or 11 by 8 1/2 inch form sizes without changing the paper in the machine. Also, for 14 7/8 by 11 inch paper, using the width of the paper as the depth allows 36 percent more lines to be printed at 12 lines per inch and has the effect of reducing the resultant 3800 Monthly Use Charge by the same percentage. The IUP executes in an OS/VS environment.
Release Notice, 4 pages, 5/78
////5796-ARE,5796-AWX

G320-5853

DALLAS SYSTEMS CENTER 4300 PRE-INSTALLATION TEST ACTIVITIES
This publication may be used for planning pre-installation testing and supports the "Organizing for Pre-Installation Testing" seminar available in the Branch Support Center.
The purpose of the Activities guide is to assist customers in preparing, performing, and reviewing activities involved with the testing necessary for installing a 4300 system via the System IFO/E (although non-System IFO/E users may also find it useful).
The material in this document should be helpful no matter what test facilities are being used, an IBM Branch Support Center, an IBM Regional Datacenter, another installed system, or your own system.
Manual, 68 pages, 5/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5854

DALLAS SYSTEMS CENTER ADVANCED COMMUNICATIONS FUNCTION/NETWORK CONTROL PROGRAM TUNING CONSIDERATIONS GUIDE50 1980
Tuning consideration based on ACP/NCP Release 2 are provided in this publication.
Manual, 96 pages, 5/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5855

DALLAS SYSTEMS CENTER RUNNING JOB ENTRY SUB-SYSTEM 2/NETWORK JOB ENTRY (JES2/NJE) ON AN ADVANCED COMMUNICATIONS FUNCTION/VIRTUAL TELECOMMUNICATIONS ACCESS METHOD (ACP/VTAM) NETWORK
Advanced Communications Function/Virtual Telecommunications Access Method (ACP/VTAM), a communication network, provides several advantages over a Bisync/Channel-to-Channel (BSC/CTC) network when running Job Entry Sub-System/Network Job Entry (JES/NJE), a batch networking application that transmits data within a Central Processing Unit (CPU) and between several CPUs. This report describes how several problems, such as excess use of CPU time, were alleviated by converting from BSC/CTC to ACP/VTAM.
Although the report centers on JES2/NJE, and its use at IBM's Santa Teresa Laboratory, in San Jose, the ideas discussed can be applied to other applications that require transfer of data between CPUs. The author assumes the reader has some knowledge of JES2/NJE. The appendix provides "how to" information for installing the communication function between JES2/NJE and ACP/VTAM. This information will be particularly useful to readers running JES2/NJE for networking.
Manual, 36 pages, 6/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5858

DALLAS SYSTEMS CENTER TECHNICAL PULLFIR: DMS/CICS/VS PLANNING AND IMPLEMENTATION GUIDE
This document is intended to provide support for data processing installations about to install and implement DMS/CICS/VS systems. It is a collection of guidelines and recommendations taken from a variety of papers and documents, as well as from experiences of individuals who have implemented and used DMS/CICS/VS.
The experienced DMS application developer can use the document as a reference by following the Table of Contents

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to appropriate sections or recommendations. The new DMS user can begin with the section on Planning and proceed through the document in a step-by-step approach to installing and implementing DMS applications.
Manual, 112 pages, 9/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5859

DALLAS SYSTEMS CENTER VIRTUAL STORAGE EXTENDED/INTERACTIVE COMPUTING AND CONTROL FACILITY (VSE/ICCF) FOR THE SOURCE PROGRAM MAINTENANCE ONLINE/II (SPMOL/II) USER
This bulletin defines a subset of the Interactive Computing and Control Facility (ICCF) that is functionally equivalent to the commands available in SPM. The material in this bulletin is based upon Version 1, Modification 5 (V1.5) of the CICS Source Program Maintenance Online II FDP (5798-CPT) and the VSE/Interactive Computing and Control Facility program product (5746-TS1) Releases 1 and 2. These two products are referred to as SPM and ICCF respectively in the remainder of this guide.

The Description/Operation manual, SB21-1700 and the Terminal User Guide, SC33-6068 were used in developing this bulletin.

Manual, 52 pages, 8/80

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5861

DALLAS SYSTEMS CENTER DOS/VSE UPDATE FOR DOS/VS USERS
The purpose of this document is to provide users of DOS/VS with information on DOS/VSE releases that work with Releases 1 and 2 of VSE/Advanced Functions. It assumes familiarity with the DOS/VS supervisor, job control statements, utilities, VSAM, and POWER/VS. Therefore, the reader should have a working knowledge of these components to gain the most benefit from this publication.

Manual, 232 pages, 8/80

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5862

DALLAS SYSTEMS CENTER TECHNICAL BULLETIN - 4300 APPLICATION DEVELOPMENT ACTIVITIES AND REFERENCE
A reference book containing 4300 Processor application development activities.

Manual, 168 pages, 12/80

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5863

DALLAS SYSTEMS CENTER APPLICATION DEVELOPMENT FACILITY (ADF) USAGE GUIDELINES

The purpose of this bulletin is to make comments and recommendations on the use of ADF on development projects, to examine the characteristics of development projects that used ADF successfully, to identify and appraise areas that are of importance when ADF is chosen as the application generator, and to document Application Development Facility (ADF) project experiences of many IBM Data Processing (DP) personnel.

It is not the intent of this bulletin to produce an absolute predictor or formula for the specific use or non-use of ADF on a particular project. The objective of using ADF is to reduce the time, cost, and risk when developing and maintaining Information Management System/Virtual Storage applications. It is assumed that the reader is familiar with the ADF product, at least at the General Information Manual level (GB21-9869).

Manual, 56 pages, 11/80

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5864

DALLAS SYSTEMS CENTER TECHNICAL BULLETIN IMS/VS VERSION 1 RELEASE 1.6 INSTALLATION NOTEBOOK

This publication contains information on enhancements to IMS/VS Version 1 Release 1.6. Data Communications feature enhancements are also included.

Manual, 124 pages, 12/80

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5866

DALLAS SYSTEMS CENTER TECHNICAL BULLETIN - TUNING AND PROBLEM ANALYSIS FOR NCP SDLC DEVICES

This publication is intended for personnel who need additional information for performance tuning and/or debugging of Systems Network Architecture (SNA) Synchronous Data Link Control (SDLC) definitions in ACF/NCP/VS. The subject matter in this document applies to ACF/NCP Release 2.1 and Release 3.

Manual, 92 pages, 2/81

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5867

DALLAS SYSTEMS CENTER TECHNICAL BULLETIN - DOS/VSE SYSTEMS MANAGEMENT STARTER KIT

The purpose of this bulletin is to provide a set of systems management documentation for DOS/VSE accounts. It contains a "starter kit" of forms and instructions that are easy to use, uncomplicated and could be implementable as a first step toward building a comprehensive systems management.

These forms are designed for an account with DOS/VSE, CICS/VS and DL/1. The CICS/VS and DL/1 reports are heavily dependent on the availability of daily statistics from the

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CICS/VS Performance Analyzer FDP.

The material presented here is provided for guidance only. The objective of the forms is to record descriptive information about processing objectives and performance histories with a minimum of effort involved.

Manual, 44 pages, 3/81

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-6004

DALLAS SYSTEMS CENTER TECHNICAL BULLETIN: INFORMATION MANAGEMENT SYSTEM/VIRTUAL STORAGE/MULTIPLE VIRTUAL STORAGE (IMS/VS/MVS) PERFORMANCE AND TUNING GUIDE VERSION 2

This new version is a major update of the version written by Bart Grantham and Cynthia Wolff of the Palo Alto System Center. The update of this bulletin is intended to include examples of the latest release of IMS/VS, the latest release of MVS with Systems Extensions Release 2, and the current available performance oriented FDP's for IMS/VS and MVS.

Manual, 288 pages, 11/80

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-6035

PALO ALTO SYSTEMS CENTER TECHNICAL BULLETIN IMS/VS AND OS/VS VSAM BUFFER OPTICNS (SHARED VERSUS NCN-SHARED RESOURCES)

The purpose of this technical bulletin is to discuss the VSAM parameters associated with buffering techniques that the user may specify when executing IMS/VS user-written programs and IMS/VS utility programs, and the effect of the parameter specifications upon performance.

The information applies to the IMS/VS 1.1.5 system.

The material is generally applicable to releases and no attempt has been made in this document to note these differences.

Technical Bulletin, 28 pages, 6/79

///5740-XX2

G320-6043

DALLAS SYSTEMS CENTER TECHNICAL BULLETIN - 4300 PROJECT PLANNING METHOD

This guide is one of a set of publications to be used as part of a 4300 Planning Seminar. Other publications in this series include:

G320-6044 4300 Installation Activities

G320-6045 4300 Installation Reference

G320-5852 4300 Systems Management Activities and Reference

G320-5853 4300 Pre-Installation Test Activities

G320-5862 4300 Application Development Activities and Reference

This publication outlines the steps required to create a project plan. It discusses how to document the plan and how to use it effectively throughout the project.

The examples given in this guide are designed to illustrate different aspects of the planning method. Although many of them describe the DOS/VSE environment, the techniques described are equally applicable to any environment.

Manual, 8 1/2 x 11 inches, 24 pages, 1/81

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-6069

ACF DEFINITION AID, IUP 5796-PKY, NOTICE

This Availability Notice contains complete ordering information for the program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This IUP assists the ACF/VTAM Multi-System Networking Feature (MSNF) user in defining and maintaining the network. The program generates the resource definitions required in multi-host communication. Additionally it can generate some of the definitions for the Network Operation Support Program (NOSP). These facilities improve the efficiency of the system programmer in the initial definition and in making updates to the network.

Flyer, 8 1/2 x 11 inches, 4 pages, 9/78

///5796-PKY

G320-6102

HUMAN FACTORS OF WORKSTATIONS WITH DISPLAY TERMINALS

This publication briefly describes several operator-related factors that should be considered when developing or using a visual display unit. It covers several physical aspects of VDUs, some characteristics of the human visual system, and certain environmental considerations.

Manual, 48 pages, 5/78

//09/3276,3277,3278,3279/

G320-6156

VSAM SELECTIVE RESTORE (CS/VS), IUP 5796-AXL, NOTICE

Working with the IBM IDCAMS utility program, this IUP extracts selected VSAM clusters from a VSAM volume backup and restores them to a VSAM data space. This publication describes the functions of the IUP, operating environment, installation tasks, and ordering instructions.

Release notice

///5796-AXL

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G320-6158

CICS/VS ONLINE PROMPTING FACILITY, IUP 5796-AWQ, NOTICE
This IUP is designed to allow a CICS/VS terminal operator access to prompting information about specific transactions and fields within a formatted 3270 screen. This publication describes the IUP potential benefits, IUP functions, and operations along with information installation tasks, education, software and hardware requirements, and charges. Release notice, 8 1/2 x 11 inches, 4 pages, 10/79
////5796-AWQ

G320-6160

DATA EXTRACTION, PROCESSING AND RESTRUCTURING SYSTEM, IUP 5796-PLH, NOTICE
XPRS-OS is a generalized data restructuring and extraction program. It takes sequential files and/or DL/I data bases, and restructures them or extracts information from them, to form new sequential files or different DL/I data bases. During the process, validity checking and data translation are performed.
The program consists of three components; a reader, a restructurer, and a writer. The reader reads in the source file records, and checks the values and formats of the items (fields). The restructurer provides the following functions:

- Selection of items or sub-hierarchy from the source record to form new record
- Selection of record by value of an item
- Creation of flat record from hierarchical record, and vice versa
- Creation of new flat or hierarchical record by combining two or more records
- Addition and deletion of items
- Elimination of duplicate records
- File sort
- Merging of files

Finally, the writer outputs the new record to the target file on the specified medium.
XPRS-OS is written in PL/I and Assembler languages. It generates customized PL/I programs and requires PL/I compiler and libraries for execution. It operates under OS/VS1, SVS, and MVS.
Release notice
////5796-PLH

G320-6163

SOURCE COMPARE/AUDIT UTILITY IUP 5796-PLZ, NOTICE
The Source Compare/Audit Utility accepts text input from two files and produces various print, update and summary files detailing source line matches, insertions, deletions, and reformat. Input files can be sequential data sets, OS/VS partitioned data sets or partitioned data set members. The Source Compare/Audit Utility features speed, capability, simplicity of use, and accuracy through a unique algorithm which is able to resynchronize the comparison despite a large number of source level differences.
Release notice, 8 1/2 x 11 inches, 8 pages, 10/79
////5796-PLZ

G320-6165

VM REAL TIME MONITOR, IUP 5796-PNA, NOTICE
The VM Realtime Monitor provides a comprehensive mechanism that can be used to detect realtime problems, analyze system performance, measure the effects of system changes, and assist the operators in running and controlling the total system. It provides system statistics that are not available through any other means. The monitor is totally command, timer, and table driven and presents information in realtime on any terminal or display supported by the VM/370 control program. This IUP will simplify the entire process of performance analysis in a VM/370 environment and management of a VM/370 installation.
Release Notice, 6 pages, 1/80
////5796-PNA

G320-6166

3850 CARTRIDGE OFF-SITE STORAGE, IUP 5796-AWZ, NOTICE
This IUP was developed to help automate the ejection, storage, and retrieval of 3850 cartridges containing copies of production data sets. This publication describes the functions of this program, operating environment, installation tasks and ordering instructions.
Release notice
////5796-AWZ

G320-6168

VS APL EXTENDED EDITOR AND FULL SCREEN MANAGER, IUP 5796-PLY, NOTICE
The VS APL Extended Editor and Full Screen Manager IUP is a powerful full screen editor replacing the standard del-editor of VS APL systems running under CMS or TSO. It utilizes the IBM 3270 Information Display system to enhance user and programmer productivity by aiding the APL programmer in the editing of functions and data. The full screen manager is an auxiliary processor that gives an APL application program running under CMS or TSO, the ability to format, read, and write an IBM 3270 Information Display System screen.
Release notice, 8 1/2 x 11 inches, 6 pages, 8/79
////5796-PLY

G320-6170

APL WORKSPACE STRUCTURE ANALYZER, IUP 5796-PNB, NOTICE
This IUP consists of a collection of programs in a single workspace which gather cross reference information about a collection of APL or FORTRAN programs. Additional programs display this information in a number of useful ways; and include output on terminal, system printer, or documentation file. Name manipulation functions help one group the names of functions and variables into functional groups for program partitioning, or for documentation displays. Additional functions are provided that allow one to "browse" a workspace, looking for specific character patterns. A "revision" function helps make global changes to APL functions and character variables.
Release Notice, 6 pages, 12/79
////5796-PNB

G320-6178

AN INTRODUCTION TO APL FOR SCIENTISTS AND ENGINEERS
This is an introduction to APL addressed to the scientist or engineer and designed to exploit any previous acquaintance with the very similar notation of vector algebra. A careful study of these pages should bring the reader to the point where he (she) can begin to make serious use of APL in some topic of interest. The use of an APL terminal in this study, while not absolutely essential, adds greatly to the depth and interest of the work.
Technical report
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-6271

THE DATA SYSTEMS ENVIRONMENT - CATALOG OF PRODUCTS
This catalog provides a quick reference to IBM programs applicable to the four key elements of the Data Systems Environment: data administration, data base, data communications, and data delivery. Program descriptions are presented in the following environmental categories: DOS Data Systems Products; OS IMS/VS DE/IC Data Systems Products; OS IMS/VS-CICS/VS Data Systems Products.
Manual, 8 1/2 x 11 inches, 172 pages, 1/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-6283

ACF/VIAM ENTRY PROBLEM DETERMINATION HELPER
This document is intended to supplement other IBM-supplied problem determination publications for Advanced Communication Function/Virtual Telecommunications Access Method Entry (ACF/VIAM) and Disk Operating System/Virtual Storage Extended (DOS/VSE) in both single and cross-domain environments.
Technical report, 8 1/2 x 11 inches, 196 pages, 2/80
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-6328

TELEPROCESSING VIRTUAL MACHINE, IUP 5796-PNC, NOTICE
The Teleprocessing Virtual Machine (TPVM) is an application program designed to provide remote intelligent sub-systems (e.g. mini-computers, micro-computers) with the ability to access and utilize the facilities of the IBM VM/370 system via bisynchronous telecommunications links. TPVM is a VM/CMS machine whose primary function is to provide a link between two levels of a hierarchical distributed system.
Release notice
////5796-PNC

G320-6332

SPM II FILE COMPRESSION AND REPORTING SYSTEM, IUP 5796-AYG, NOTICE
This IUP can help reduce the systems and application programmer effort to support and use the Source Program Maintenance Online II RDP (5798-CPT) by providing improved direct access space utilization, helping to enforce department standards, and providing backup. This publication describes the functions of the IUP, operating environment, installation tasks, and ordering instructions.
Release notice
////5796-AYG

G320-6334

JES2 INFORMATION RETRIEVAL FOR CMS, IUP 5796-AYD, NOTICE
This IUP is a productivity aid which allows the CMS user to monitor and control any job run on an MVS/JES2 system. This publication describes the functions of the IUP, operating environment, installation tasks, and ordering instructions.
Release Notice
////5796-AYD

G320-6335

INTER REGION ACCESS METHOD, IUP 5796-AYH, NOTICE
This publication describes Inter Region Access Method which is of general benefit to those users who have MVS currently installed or who are planning its installation. It enables one job or user task running on MVS to exchange data with another job or user task without placing unusual constraints on either one.
Flyer, 8 1/2 x 11 inches, 6 pages, 3/80
////5796-AYH

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G320-6339

AUDIT FILE COMPARE, IUP 5796-PNF, NOTICE

The availability notice is a marketing oriented document that describes the purpose and capabilities of the program, advantages of design, and problems solved by the program referenced in the title.

The Audit File Compare program aids auditors and management in the control and verification of differences between two data files.

Flyer, 8 1/2 x 11 inches, 6 pages, 5/80
 ///37//5796-PNF

G320-6418

3800 90 DEGREE PRINT PROGRAM EXTENSIONS, IUP 5796-PAC, NOTICE

This program is an extension to the existing IBM 3800 90 Degree Print Programs (5796-ARE and 5796-AWX) which extends the capabilities of these programs. Printing at 5, 6, and 7.5 lines per inch with 8, 9.6 and 12 characters per inch are now provided.

Release notice, 2/81
 ///5796-EAC

G320-6340

JOB DOCUMENTATION AND OPERATIONS SETUP, IUP 5796-AYT, NOTICE

The Job Documentation and Operations Setup Reporting System assists data processing organizations with the task of documentation and setup for production jobs for the operations department.

Flyer
 ///5796-AYT

G320-6346

VSAM KSDS FREESPACE MAP, IUP 5796-AYX, NOTICE

The purpose of the VSAM Freespace Utility is to produce a report showing how Control area freespace has been used in an existing VSAM Key Sequenced Data Set. This information can be used to assist in optimizing performance and optimizing DASD space utilization.

Release notice
 ///5796-AYX

G320-8088

CICS ON-LINE TEST/DEBUG FOR CICS/OSS, CICS/DOSS & CICS/DOSE: CON EDISCN, IUP 5796-AEF NOTICE

CICS On-Line Test/Debug provides the programmer with the facilities to test and debug application programs or user files while CICS is operating by entering command statements via a 3270 Information Display System. The features include the ability to display and location in main memory of the machine, alter any location within the CICS job step boundaries, stop the execution of a specific CICS task at a specific address within an application program, display and alter storage records on any data set available to the CICS job step, immediately update changes made to storage records on file, and open or close files on-line. In effect, this program provides a programmer with access to a 3270 the ability to "console debug" programs without interrupting the normal operation of your installation.

Flyer, 4 pages
 ///5796-AEF

G320-6348

APL DATA INTERFACE-II FOR VM/370 (CMS), IUP 5796-PNG, NOTICE

The APL Data Interface-II IUP is a general purpose interactive facility designed to provide a responsive inquiry facility to end users. This publication describes the program functions, operating environment, installation tasks, and ordering procedures.

Release notice
 ///5796-PNG

G320-8089

CICS/COBOL CALL INTERFACE FOR CICS/OSS CICS/DOSS & CICS/DOSE: NATIONAL BANK OF DETROIT, IUP 5796-AEG NOTICE

Current users of the Customer Information Control System (CICS) who are writing application programs in ANS COBOL usually write Assembler Language macros in their application programs. This procedure requires the use of the CICS Preprocessor Program and two compilations of the program, one for the Assembler Language macros and one for the COBOL.

This program provides a COBOL/CICS interface technique which eliminates the use of the CICS Preprocessor Program and makes the writing and debugging of ANS COBOL/CICS application programs considerably easier. The system consists of 12 modules, one for each of the CICS management functions, and a Resident Interface Module. When the COBOL application programmer requires a CICS service, rather than write an Assembler Language macro, he simply codes a predefined COBOL CALL statement passing a list of parameters depending upon the service requested. The tested CICS macro is then issued in the subsequently called CICS Service Bandler and control is returned to the requesting COEOL program upon completion of the CICS service.

Flyer
 ///5796-AEG

G320-6387

PASCAL/VS IUP 5796-PNQ NOTICE

Pascal/VS is a compiler for a superset of the Pascal language, operating under MVS and VM/CMS. Originally designed by N. Wirth as a high level language to teach computer programming, Pascal has emerged as an influential and well accepted user language in today's data processing environment. Pascal provides the user with the ability to produce very reliable code in an efficient and natural manner.

Flyer, 8 1/2 x 11 inches, 4 pages, 6/80
 ///5796-PNQ

G320-8137

DOS/VS 2560 SORT, IUP 5796-AGX, NOTICE

This manual describes the DOS/VS 2560 IUP, installed at Public Employees Retirement System, Columbus, Ohio, which allows System/370 users to better utilize the card merging and sorting capabilities built into the 2560.

Flyer, 8 1/2 x 11 inches, 4 pages, 4/75
 ///5796-AGX

G320-6394

VS APL SYSTEM EXTENSIONS, IUP 5796-AZT, NOTICE

VS APL System Extension provides the APL programmer with a file system for APL data objects, an inter-VM communications facility, an efficient spooled printer interface, and system information.

Release notice
 ///5796-AZT

G320-6403

MVS EXTENDED SWAP, IUP 5796-PNW, NOTICE

Extended Swap is a modification to the Real Storage Manager (RSM) of an MVS/SE or MVS/SP system which diverts local paging initiated by address space swapping operations from the local page data sets to swap data sets.

Release notice, 8 1/2 x 11 inches, 4 pages, 12/80
 ///5796-PNW

G320-8138

EXTENDED COBOL SORT, IUP 5796-AGZ, NOTICE

This document contains information on use of the Extended COBOL Sort which provides the COBOL installation with sorting and merging power never before available. It increases sort capacity to either 16 or 32 times normal. Thus the programmer need no longer be concerned about the hardware availability or the volume of data to be expected during actual production.

The Extended COBOL Sort Merge Simulation feature simplifies the merging of files in a COBOL program. The programmer uses a language compatible with the proposed ANS standard MERGE statement, and a true merge can be executed in a COBOL program.

Release Notice, 4 pages, 9/75
 ///5796-AGZ

G320-6405

UNIVERSAL DUMP ALTER COPY AND SELECT UTILITY, IUP 5796-BAF, NOTICE

Universal Dump Alter Copy and Select (UDACS) is a general purpose file processing utility incorporating into one program all the functions currently available only in several utility programs plus key additional functions. UDACS can copy, print, alter and/or select records all in only one pass of the file.

Release notice, 8 1/2 x 11 inches, 2/81
 ///5796-BAF

G320-8146

COBOL MAINTENANCE & DOCUMENTATION AID, IUP 5796-AHY, -AHZ, NOTICE

This document contains information on use of the COBOL Maintenance and Documentation Aid (CMANCOO), a productivity tool that is an adjunct to the top-down development and structured programming techniques of today. CMANCOO was written by the International Playtex Company to fulfill their need for better detail-level documentation and to help reduce the cost of preparing, maintaining, and storing that documentation.

Release Notice, 6 pages, 12/75
 ///5796-AHY, 5796-AHZ

G320-6406

VM/CMS DISKETTE COPY PROGRAM, IUP 5796-PNT, NOTICE

The VM/CMS Diskette Copy Program is a Class G program used to read data from and write data on a diskette via the IBM 3540 Diskette Input/Output Unit or the IBM 4331 Processor with the 3401 feature. This program is used either to read data from a diskette and produce a sequentially organized output data set or to read data from a sequentially organized input data set and produce a data set on a diskette.

Release notice, 8 1/2 x 11 inches, 4 pages
 ///5796-PNT

G321-5104

AUTOMATIC PROGRAMMING FOR ENERGY MANAGEMENT USING SENSOR BASED COMPUTERS

An automatic programming approach has been developed for the

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use of sensor based computers (IBM System/7 and Series/1) for energy management in buildings. The purpose is to aid the facilities engineer who is unfamiliar with programming and who requires a system that can be defined by a sequence of questions and answers. Programmers can add or modify application source programs to extend the system to other user-defined functions.
Journal reprint, 7 x 10 inches, 13 pages, 8/79

Part 3. Current Editions by Order Number

14	GA09-1000-0			IBM 5990 SYSTEM: SYSTEM SUMMARY MANUAL: RPQ 8T0146 5996-T01 DATA ACQUISITION CONTROLLER; 5799-WJF EXCHANGE DATA COLLECTION PROGRAM SUPPORT
14	GA09-1005-1	GN09-1204		IBM 5934 T02 TICKET TERMINAL (RPQ 8T0130), IBM 5983-T02 CONTROL UNIT (RPQ 8T0131) COMPONENT DESCRIPTION
14	**GA09-1600-2			IBM 3270 INFORMATION DISPLAY SYSTEM CUSTOM FEATURE DESCRIPTION: 129-3270 ATTACHMENT (RPQ 8T0093)
14	GA11-8632-0	GN11-8569		5973-L02 NETWORK INTERFACE ADAPTER (NIA) PRODUCT DESCRIPTION MANUAL
14	GA11-8635-1			5935-L03 BANKING TERMINAL REFERENCE MANUAL RPQ Y96695
14	*GA11-8639-1			5935-L03 BANKING TERMINAL REFERENCE INFORMATION RPQS Y96695 AND Y96750 (VERSION 2)
14	**GA11-8643-1			5973-L02 REMOTE NETWORK INTERFACE ADAPTER SPECIFY CODE 7043 PRODUCT DESCRIPTION MANUAL
09	GA18-2000-3	GN27-3238		3767 COMMUNICATION TERMINAL OPERATOR'S GUIDE
09	GA18-2012-1			3767 COMMUNICATION TERMINAL ERROR RECOVERY AND PROBLEM DETERMINATION GUIDE
09	GA18-2014-7			3270 INFORMATION DISPLAY SYSTEM - 3276 CONTROL UNIT DISPLAY STATION PROBLEM DETERMINATION GUIDE
15	GA18-2018-4			3287 PRINTER PLANNING AND SITE PREPARATION GUIDE
14	GA18-2019-1			IBM 3767 COMMUNICATION TERMINAL MODEL 2 DUAL DRIVE PINFEED PLATEN (RPQ MF6321) USER INFORMATION ADDENDUM
09	GA18-2033-1	GN18-2094	GN18-2095	3101 DISPLAY TERMINAL DESCRIPTION
09	GA18-2035-3	GN18-2098	**GN18-2112	3101 DISPLAY TERMINAL OPERATOR REFERENCE INFORMATION
09	GA18-2036-2	**GN18-2103		3101 DISPLAY TERMINAL CUSTOMER PROBLEM ANALYSIS AND RESOLUTION GUIDE
09	GA18-2040-1	**GN18-2117		3270 INFORMATION DISPLAY SYSTEM 3276 CONTROL UNIT DISPLAY STATION OPERATOR'S GUIDE
09	GA18-2041-3	**GN18-2110		3270 INFORMATION DISPLAY SYSTEM 3276 CONTROL UNIT DISPLAY STATION PLANNING AND SETUP GUIDE
09	GA18-2042-2	GN18-2100		3270 INFORMATION DISPLAY SYSTEM: PROBLEM DETERMINATION FOR 3276 CONTROL UNIT DISPLAY STATIONS
13	GA18-2044-0			3270 INFORMATION DISPLAY SYSTEM DESCRIPTION & CONFIGURATION APL/TEXT FEATURE FOR 3276 CONTROL UNIT DISPLAY STATION, 3278 DISPLAY STATION, 3287 PRINTER, AND 3289 LINE PRINTER
09	GA18-2051-3	**GN18-2111		AN INTRODUCTION TO THE 3101 DISPLAY TERMINAL
03	GA18-2065-1			3102 PRINTER DESCRIPTION
04	GA19-0034-3			1275 OPTICAL READER SORTER FOR SYSTEM/360 & SYSTEM/370
04	GA19-0036-3			PAPER AND PRINT QUALITY REQUIREMENTS FOR IEM 1270 AND 1275 OPTICAL READER SORTERS
04	GA19-0049-0	GN19-0100	GN19-0120	S/360 & S/370 COMPONENT DESCRIPTION & OPERATING PROCEDURES: 1288 OPTICAL PAGE READER MODEL 1
04	GA19-0050-1	GN19-0313		S/360 & S/370 COMPONENT DESCRIPTION & OPERATING PROCEDURES: 1287 OPTICAL READER MODEL 5
14	GA19-5024-1	GN19-6275		IBM 3270 INFORMATION DISPLAY SYSTEM: 5926-B03 OPTICAL SCANNER REFERENCE MANUAL RPQS 7B0215 AND U42416
14	GA19-5029-0*			3740 DATA ENTRY SYSTEM: (5926-B03) BAR CODE READER PRINTER DATA STATION, CUSTOM UNIT DESCRIPTION RPQS 7B0215, X64601, 7B0194, X96684, AND X72888
14	GA19-5031-0*			IBM 3740 DATA ENTRY SYSTEM SPECIAL SELF-CHECK NUMBER DEVICE (COMPATIBLE WITH HEBREW LANGUAGE FEATURE) CUSTOM UNIT DESCRIPTION RPQ X15169 (3741 AND 3742, 128-CHARACTER MACHINE
89	**GA19-5039-0*			3274 CONTROL UNIT PLANNING, SETUP AND CUSTOMIZING GUIDE WITH RPQS 7H0431 - DUTCH PUBLISHING CHARACTER SET 7H0417 - GERMAN PUBLISHING CHARACTER SET UB4526 - FRENCH PUBLISHING CHARACTER SET 7H0419 - SPECIAL EDITING FEATURE SUPPORT
14	GA19-5040-0*			3278 DISPLAY STATION MODEL 2: CUSTOM FEATURE DESCRIPTION WI RPQS: 7H0418 - SPECIAL EDITING FEATURE, 7H0430 - DUTCH PUBLISHING CHARACTER SET, XC4480 - GERMAN PUBLISHING CHARACT SET, UB4502 - FRENCH PUBLISHING CHARACTER SET.
14	GA19-5041-0*			3287 PRINTER MODELS 1 AND 2 PROBLEM DETERMINATION GUIDE FOR RPQS: 7H0307, 7H0317, 7H0327
14	GA19-5052-4			IBM 5937-S01 INDUSTRIAL TERMINAL COMPONENT DESCRIPTION RPQS 7S0052 7S0058 7S0061
14	GA19-5057-2*	GN19-6403		3767 COMMUNICATION TERMINAL OPERATOR'S GUIDE, RPQ X71429, DOCUMENT INSERTION DEVICE
14	GA19-5059-0*			WORLD TRADE ADDENDUM TO IBM 3767 MODELS 1 AND 2 COMMUNICATION TERMINAL COMPONENT DESCRIPTION OPERATOR'S GUIDE RPQ X74189 LARGE CHARACTER PRINT
14	GA19-5084-0*			5230 DATA COLLECTION SYSTEM USER'S GUIDE SUPPLEMENT, IN/OUT CLOCKING RPQ X95797
14	GA19-5087-0*			IBM 3270 INFORMATION DISPLAY SYSTEM: 5914 DOCUMENT INSCRIBE USER'S GUIDE, RPQ U74485 MODEL U01 - 7U0007 MODEL U02
14	GA19-5089-0*			5230 DATA COLLECTION SYSTEM, DIGITAL INPUT ATTACHMENT TO 5235: RPQ X55062 - WORLD TRADE, RPQ 7S0231 - CANADA, USER'S GUIDE
09	GA19-5099-1			3843 LOOP CONTROL UNIT, OPERATOR'S GUIDE
14	GA19-5167-0			3800 PRINTING SUBSYSTEM USERS GUIDE FOR FORM LENGTH 2 X 4 1/6 or 8 1/3 INCHES, FORM LENGTH 3 X 4 1/6 or 12 1/2 INCHES, RPQ XA9753 AND RPQ ZA9754
14	GA19-5168-1*			INTRODUCING THE AUTOMATIC DOCUMENT INSERTION DEVICE ON THE 3287 PRINTER, RPQS 7S0251 AND 7S0252
14	GA19-5171-0*			3287 PRINTER MODELS 1 AND 2 USER'S GUIDE FOR THE AUTOMATIC DOCUMENT INSERTION DEVICE, RPQ 7S0251, 7S0283
14	GA19-5173-0*			3287 PRINTER MODELS 1 AND 2 WITH THE AUTOMATIC DOCUMENT INSERTION DEVICE RPQ 7S0251 PROBLEM DETERMINATION GUIDE
14	**GA19-5178-0*			5922 DOCUMENT READER MODEL S11 COMPONENT DESCRIPTION
14	GA19-5181-0*			3800 PRINTING SUBSYSTEM OPERATOR ATTENTION CONTACTS RPQ 7S0263

			USER'S GUIDE
14	GA19-5182-0*		3800 PRINTING SUBSYSTEM USER'S GUIDE FOR PRINT 1/3 INCH FROM BOTTOM RPQ RPQ YB0029
14	GA19-5183-1*		3800 PRINTING SUBSYSTEM USER'S GUIDE FOR EXTENDED PAPER WEIGHT RPQ XB6128
14	GA19-5187-0*		5922 DOCUMENT READER MODEL S11 SITE PREPARATION GUIDE
14	GA19-5193-0		4331 PROCESSOR TELEGRAPH TERMINAL CONTROL - TYPE 2 FUNCTIONAL CHARACTERISTICS RPQ 6S0276
14	**GA19-5199-0*		3800 PRINTING SUBSYSTEM USER'S GUIDE FOR PROGRAMMABLE FLASH RPQ
14	**GA19-5200-0*		3278 DISPLAY STATION PROBLEM DETERMINATION GUIDE SUPPLEMENT FOR GERMAN PUBLISHING CHARACTER SET RPQ XC4480 AND SPECIAL EDITING FEATURE RPQ 7H0418
14	GA19-5232-0*		3270 INFORMATION DISPLAY SYSTEM 3276 CONTROL UNIT DISPLAY STATION, PROBLEM DETERMINATION GUIDE, 3278 DISPLAY STATION PROBLEM DETERMINATION GUIDE SUPPLEMENT FOR BARCODE READER RPQ ZA2415
14	GA19-5233-0		3287 PRINTER OPERATOR'S GUIDE FOR TRACTOR/FORMS SEPARATOR (RPQ ZB7224)
14	GA19-5234-0		3274 CONTROL UNIT PLANNING, SETUP, AND CUSTOMIZING GUIDE SUPPLEMENT FOR RPQ YB2705 SPECIAL BELGIAN CHARACTER SET
14	GA19-5235-0*		3276 CONTROL UNIT DISPLAY STATION 3278 DISPLAY STATION PROBLEM DETERMINATION GUIDE FOR SPECIAL BELGIAN CHARACTERS RPQS YB2706, YB2708
14	GA19-5236-0		3270 INFORMATION DISPLAY SYSTEM: BARCODE READER ATTACHMENT, RPQ ZA2415 REFERENCE MANUAL
14	**GA19-5248-0		3270 INFORMATION DISPLAY SYSTEM: CUSTOM FEATURE DESCRIPTION FOR RPQ UV001, 2950 MODEL 3 ATTACHED TO 3276 CONTROL UNIT DISPLAY STATION OR 3278 DISPLAY STATION
14	**GA19-5252-1*		8775 DISPLAY TERMINAL: DATA ENTRY VALIDATION RPQS SU0183 AND SU0184 CUSTOM FEATURE DESCRIPTION
14	**GA19-5300-0*		3800 PRINTING SUBSYSTEM USER'S GUIDE FOR FORM LENGTH 8 1/2 INCHES RPQ 7S0279
14	**GA19-5320-0		5922 DOCUMENT READER MODEL S02 SITE PREPARATION GUIDE
00	GA21-9001-0		1060 CONFIGURATOR
15	GA21-9010-3		1060 DATA COMMUNICATIONS SYSTEM INSTALLATION MANUAL, PHYSICAL PLANNING
02	GA21-9025-4		1442-N1 & N2 COMPONENT DESCRIPTION & OPERATING PROCEDURES
02	GA21-9026-3		2501 MODELS B1 & B2 COMPONENT DESCRIPTION & OPERATING PROCEDURES
02	GA21-9027-4		2520-B1, B2 & B3 COMPONENT DESCRIPTION & OPERATING PROCEDURES
09	GA21-9028-2		357/1030/2790 BADGE SPECIFICATIONS
02	GA21-9033-3		S/360 COMPONENT DESCRIPTION & OPERATING PROCEDURES, 2540 CARD READ PUNCH
09	GA21-9041-0		1035 COMPONENT DESCRIPTION & OPERATING PROCEDURES
04	GA21-9064-7	GN24-0846	S/360 COMPONENT DESCRIPTION & OPERATING PROCEDURES, 1287 OPTICAL READER
10	GA21-9078-2		5486 CARD SORTER OPERATOR'S GUIDE
04	GA21-9081-5	GN31-7208	S/360 COMPONENT DESCRIPTION, 1288 OPTICAL PAGE READER MODEL 1
02	GA21-9124-5		3504 AND 3505 CARD READER, 3525 CARD PUNCH SUBSYSTEM
08	GA21-9131-5		3741 DATA STATION OPERATOR'S GUIDE
08	GA21-9136-4		3742 DUAL DATA STATION OPERATOR'S GUIDE
04	GA21-9139-0		1287 OPTICAL READER MODEL 5 GENERAL INFORMATION
04	GA21-9143-2		3881 OPTICAL MARK READER MODELS 1 & 2 REFERENCE MANUAL AND OPERATOR'S GUIDE
02	GA21-9144-0		2596 CARD READ PUNCH PROGRAMMER'S REFERENCE MANUAL AND OPERATOR'S GUIDE
04	GA21-9147-2		3886 OPTICAL CHARACTER READER MODEL 1 REFERENCE MANUAL
04	GA21-9148-4	GN24-0848 **GN31-7524	3886 OPTICAL CHARACTER READER INPUT DOCUMENT DESIGN GUIDE AND SPECIFICATIONS
04	GA21-9150-1		S/360 & S/370 COMPONENT DESCRIPTION & OPERATING PROCEDURES: 1287 OPTICAL READER MODEL 5
08	GA21-9152-3		3740 DATA ENTRY SYSTEM, SYSTEM SUMMARY & INSTALLATION PLANNING
04	GA21-9154-2	GN24-0847	3886 OPTICAL CHARACTER READER MODEL 2 COMPONENT REFERENCE MANUAL
02	GA21-9167-1		5424 AND 5425 MULTIFUNCTION CARD UNITS OPERATOR'S GUIDE AND PROGRAMMER'S REFERENCE MANUAL
08	GA21-9170-3		3747 DATA CONVERTER REFERENCE MANUAL & OPERATOR'S GUIDE
08	GA21-9182-5		THE IBM DISKETTE: GENERAL INFORMATION MANUAL
08	GA21-9183-4		3741 DATA STATION REFERENCE MANUAL
08	GA21-9184-3		3742 DUAL DATA STATION REFERENCE MANUAL
08	GA21-9194-3		IBM 3741 MODELS 3 AND 4 PROGRAMMABLE WORK STATION PROGRAMMING REFERENCE MANUAL
30	GA21-9195-1		A PROGRAMMER'S INTRODUCTION TO THE APPLICATION CONTROL LANGUAGE (FOR 3741 MODELS 3 & 4 PROGRAMMING WORKSTATION)
08	GA21-9196-2		3741 MODELS 3 & 4 PROGRAMMABLE WORK STATION, GENERAL INFORMATION
08	GA21-9197-1		3540 DISKETTE INPUT/OUTPUT OPERATOR'S GUIDE & PROGRAMMER'S REFERENCE MANUAL
14	**GA21-9221-1		IBM 3742 DUAL DATA STATION FUNCTION CONTROL FEATURE REFERENCE MANUAL SUPPORTING RPQ 843866
14	GA21-9224-0*		IBM 3740 DATA ENTRY SYSTEM ASCII RPQ REFERENCE MANUAL SUPPORTING RPQS S40064, S40075, and S40081
14	GA21-9240-1		3741 READER/PUNCH ATTACHMENT FEATURE RPQ GF2495 REFERENCE MANUAL AND OPERATOR'S GUIDE
14	GA21-9384-0	GN21-0301	3741 DATA STATION NCR 250 ATTACHMENT FEATURE REFERENCE MANUAL SUPPORTING RPQ GJ1499
09	GA22-6846-4		IBM SYSTEM/360 COMPONENT DESCRIPTION IBM 2702 TRANSMISSION CONTROL
09	GA22-6864-5		2701 DATA ADAPTER UNIT COMPONENT DESCRIPTION
05	**GA22-6866-6		SYSTEM/360 COMPONENT DESCRIPTIONS: 2400-SERIES MAGNETIC TAPE UNITS, 2803/2804 TAPE CONTROLS, AND 2816 SWITCHING UNIT MODEL 1
01	GA22-6877-5		SYSTEM/360 COMPONENT DESCRIPTIONS & OPERATING PROCEDURES IBM 1052 PRINTER-KEYBOARD MODEL 7 WITH IBM 2150 CONSOLE
07	GA22-6895-3		S/360 COMPONENT DESCRIPTION, 2820 STORAGE CONTROL AND 2301 DRUM

		STORAGE	
01	GA22-6935-1		S/370 MODEL 158 FUNCTIONAL CHARACTERISTICS
01	GA22-6942-2		S/370 MODEL 155 FUNCTIONAL CHARACTERISTICS
01	GA22-6943-4		S/360 & S/370 MODEL 195 FUNCTIONAL CHARACTERISTICS
00	GA22-6944-3		S/360 & S/370 MODEL 195 CONFIGURATOR
10	GA22-6951-0	GN22-0366	50 MAGNETIC DATA INSCRIBER OPERATOR'S GUIDE
01	GA22-6954-1		S/360 & S/370 MODEL 195 OPERATING PROCEDURES
13	GA22-6955-1		IBM SYSTEM/370 SPECIAL FEATURE DESCRIPTION: 709/7090/7094/7094 II COMPATIBILITY FEATURE FOR IBM SYSTEM/370 MODEL 165
00	GA22-6956-0		S/370 MODEL 165 CONFIGURATOR
00	GA22-6957-1		S/370 MODEL 158 CONFIGURATOR
13	GA22-6958-1		7070/7074 COMPATIBILITY FEATURE: S/370 MODELS 165, 165II & 168
01	GA22-6962-2		S/370 MODEL 155 CHANNEL CHARACTERISTICS
13	GA22-6963-1		7080 COMPATIBILITY FEATURE: S/370 MODELS 165, 165II & 168
01	GA22-6966-1	GN22-0592	S/370 MODEL 155 OPERATING PROCEDURES
10	GA22-6968-3		129 CARD DATA RECORDER OPERATOR'S REFERENCE MANUAL
01	GA22-6969-2		S/370 MODEL 165 OPERATING PROCEDURES
13	GA22-6983-0		S/370 SPECIAL FEATURE: CHANNEL-TO-CHANNEL ADAPTER
01	**GA22-7000-7		S/370 PRINCIPLES OF OPERATION
00	**GA22-7001-10	**GN22-0630	S/370 SYSTEM SUMMARY: PROCESSORS
00	**GA22-7002-16	**GN22-0627	S/370 INPUT/OUT CONFIGURATOR
01	GA22-7010-6		S/370 MODEL 168 FUNCTIONAL CHARACTERISTICS
01	GA22-7011-5		S/370 MODEL 158 FUNCTIONAL CHARACTERISTICS
01	GA22-7012-3		S/370 MODEL 158 CHANNEL CHARACTERISTICS
00	GA22-7013-4		S/370 MODEL 158 CONFIGURATOR
00	GA22-7014-1		S/370 MODEL 168 CONFIGURATOR
13	GA22-7016-0		SYSTEM/370 MODEL 165 II DYNAMIC ADDRESS TRANSLATION FACILITY
13	GA22-7017-1		SYSTEM/370 MODEL 155 II DYNAMIC ADDRESS TRANSLATION FACILITY
01	GA22-7056-1		S/370 MODEL 158 HIERARCHICAL MONITORING SYSTEM, FEATURE DESCRIPTION
01	**GA22-7060-6		3033 PROCESSOR COMPLEX & 3033 MULTIPROCESSOR COMPLEX FUNCTIONAL CHARACTERISTICS
01	GA22-7061-1		3032 PROCESSOR COMPLEX FUNCTIONAL CHARACTERISTICS
00	GA22-7062-2		3032 PROCESSOR COMPLEX CONFIGURATOR
00	**GA22-7065-8		3033 PROCESSOR COMPLEX & 3033 MULTIPROCESSOR COMPLEX CONFIGURATOR
01	GA22-7066-2	GN22-0586 **GN22-0620	GN22-0611 3031 PROCESSOR COMPLEX AND 3031 ATTACHED PROCESSOR COMPLEX FUNCTIONAL CHARACTERISTICS
01	**GA22-7070-1		4300 PROCESSORS PRINCIPLES OF OPERATION FOR ECPS:VSE MODE
00	GA22-7071-4		3031 PROCESSOR COMPLEX CONFIGURATION CHART
01	**GA22-7072-1		S/370 EXTENDED FACILITY & ECPS: MVS
08	**GA22-7073-1		3848 CRYPTOGRAPHIC UNIT PRODUCT DESCRIPTION AND OPERATING PROCEDURES
01	GA22-7074-0		VIRTUAL MACHINE ASSIST & SHADOW-TABLE BYPASS ASSIST
08	GA22-7075-0		3814 SWITCHING MANAGEMENT SYSTEM PRODUCT DESCRIPTION
08	**GA22-7078-0		3814 SWITCHING MANAGEMENT SYSTEM OPERATOR'S GUIDE
01	**GA22-7079-0		SYSTEM/370 ASSISTS FOR MVS
13	GA23-0011-0		IBM 3270 INFORMATION DISPLAY SYSTEM DESCRIPTION, CONFIGURATION AND PHYSICAL PLANNING IBM 3274 CONTROL UNIT MODEL 1C DATAPHONE DIGITAL SERVICE ADAPTER FEATURES
01	**GA23-0020-2		3278 MODEL 2A DISPLAY CONSOLE PROBLEM DETERMINATION GUIDE
09	**GA23-0023-3		3270 INFORMATION DISPLAY SYSTEM 3274 CONTROL UNIT OPERATOR'S GUIDE
15	GA23-0038-1	**GN27-3291	MULTIUSE COMMUNICATIONS LOOP PLANNING GUIDE
09	**GA23-0046-0		3274 CONFIGURATION DATA CARD
14	**GA23-0056-1		3845/3846 DATA ENCRYPTION DEVICES RPQS 8K0987 AND 8K0946
09	**GA23-0058-0		3270 INFORMATION DISPLAY SYSTEM LIBRARY USER'S GUIDE
30	**GA23-0059-0		3270 DATA STREAM PROGRAMMER'S REFERENCE
09	**GA23-0060-0		3270 INFORMATION DISPLAY SYSTEM - 3271 CONTROL UNIT, 3272 CONTROL UNIT, 3275 DISPLAY STATION - DESCRIPTION AND PROGRAMMER'S GUIDE
09	**GA23-0061-0	**GN31-1318	3270 INFORMATION DISPLAY SYSTEM: 3274 CONTROL UNIT DESCRIPTION AND PROGRAMMER'S GUIDE
09	GA24-1029-4		1001 DATA TRANSMISSION SYSTEM
04	**GA24-1499-8		1219 READER SORTER, 1419 MAGNETIC CHARACTER READER
09	GA24-3018-5		1030 DATA COLLECTION SYSTEM
09	GA24-3020-4		1050 REFERENCE DIGEST
15	GA24-3021-5		1030 DATA COLLECTION SYSTEM INSTALLATION MANUAL, PHYSICAL PLANNING
15	GA24-3022-5		1050 DATA COMMUNICATIONS SYSTEM INSTALLATION MANUAL, PHYSICAL PLANNING
09	GA24-3034-2		1060 DATA COMMUNICATION SYSTEM
00	GA24-3045-4		1030 CONFIGURATOR
03	GA24-3073-11	**GN24-0899	1403 PRINTER COMPONENT DESCRIPTION
03	GA24-3120-7		IBM 1443 PRINTER MODELS 1 THROUGH 4 AND N1, AND 1445 PRINTER MODELS 1 AND N1: COMPONENT DESCRIPTION
09	GA24-3125-3		1050 OPERATOR'S GUIDE
09	**GA24-3203-3		3644 AUTOMATIC DATA UNIT - PROGRAM WORKSHEETS FOR DOS/VS (5747-CJ1) AND OS/VS (5744-CR1)
09	GA24-3266-1		1092 AND 1093 PROGRAMMED KEYBOARDS
03	GA24-3312-8	**GN24-0898	2821 CONTROL UNIT COMPONENT DESCRIPTION
13	**GA24-3342-0		BATCH NUMBERING FEATURE FOR IBM 1241 AND 1419 MAGNETIC INK CHARACTER RECOGNITION READERS
08	GA24-3388-6		IBM 2671 PAPER TAPE READER, IBM 2822 PAPER TAPE READER CONTROL - COMPONENT DESCRIPTION
09	GA24-3403-4		2740 COMMUNICATION TERMINALS MODEL 1 & 2 COMPONENT DESCRIPTION
09	GA24-3415-3		2741 COMMUNICATION TERMINAL
09	GA24-3426-0		2712 REMOTE MULTIPLEXOR
15	GA24-3435-5	GN27-3164	PLANNING AND INSTALLATION OF A DATA COMMUNICATION SYSTEM USING IBM LINE ADAPTERS
09	GA24-3471-1		1050 SYSTEM SUMMARY
09	GA24-3474-1		1050 DATA COMMUNICATION SYSTEM PRINCIPLES OF OPERATION
03	**GA24-3488-15	**GN24-0904	FORM DESIGN REFERENCE GUIDE FOR PRINTERS
04	GA24-3500-2		1259 MAGNETIC CHARACTER READER, COMPONENT DESCRIPTION
15	GA24-3516-3		IBM 2938 ARRAY PROCESSOR MODEL 1 RPQ W24563, MODEL 2 RPQ 815188

04	GA24-3542-2	**GN31-7526		INSTALLATION MANUAL - PHYSICAL PLANNING 1255 MAGNETIC CHARACTER READER MODELS 1, 2 & 3 COMPONENT DESCRIPTION
03	GA24-3543-8	**GN24-0900		IBM 3211 PRINTER 3216 INTERCHANGEABLE TRAIN CARTRIDGE AND 3811 PRINTER CONTROL UNIT COMPONENT DESCRIPTION AND OPERATOR'S GUIDE
01	GA24-3550-2			3215 CONSOLE PRINTER-KEYBOARD COMPONENT DESCRIPTION
01	GA24-3552-2			3210 CONSOLE PRINTER-KEYBOARD COMPONENT DESCRIPTION
01	GA24-3557-9			S/370 MODEL 145 FUNCTIONAL CHARACTERISTICS
15	GA24-3561-0			IBM 1925 MODEL 18 INTERFACE SWITCH UNIT RPO 811301 INSTALLATION, PHYSICAL PLANNING
15	GA24-3562-0			IBM 2911 MODEL 14 INTERFACE SWITCH UNIT RPO 811503 INSTALLATION, PHYSICAL PLANNING
15	GA24-3566-2			IBM 1972 MODEL 3 PRODUCTION TERMINAL IBM 1972 MODEL 4 INSTRUCTION CONSOLE INSTALLATION MANUAL PHYSICAL PLANNING COMPONENT DESCRIPTION
01	GA24-3573-2			S/370 MODEL 145 CHANNEL CHARACTERISTICS
14	GA24-3590-0			IBM 1972 MODEL 3 PRODUCTION TERMINAL 1972 MODEL 4 INSTRUCTION CONSOLE OPERATOR'S GUIDE
35	GA24-3594-0	GN24-0496	GN24-0498	IBM EMULATOR FOR RCA 301 ON SYSTEM/370 USING DOS AND DOS/VS PLANNING GUIDE - PROGRAM NUMBER 5799-ADR
35	GA24-3595-0	GN24-0497	GN24-0499	IBM EMULATOR FOR HONEYWELL SERIES 200 ON SYSTEM/370 USING DOS AND DOS/VS (PRPQ): PLANNING GUIDE, PROG. NO. 5799-ADT
35	GA24-3604-1	GN33-7051		EMULATOR FOR HONEYWELL SERIES 200 ON SYSTEM/370 USING DOS AND DOS/VS (PRPQ), PROG. NO. 5799-ADT
35	GA24-3605-1	GN33-7052		IBM EMULATOR MANUAL FOR RCA 301 ON SYSTEM/370 USING DOS & DOS/VS, PROG. NO. 5799-ADR
04	GA24-3612-5	GN31-7212	**GN31-7509	3890 DOCUMENT PROCESSOR MACHINE & PROGRAMMING DESCRIPTION
04	GA24-3619-4	**GN31-7530		3890 DOCUMENT PROCESSOR OPERATOR'S GUIDE
04	GA24-3620-1	GN31-7503	**GN31-7510	3895 DOCUMENT READER/INSCRIBER - MACHINE & PROGRAMMING DESCRIPTION
01	GA24-3632-1	GN24-0859	GN31-7211	S/370 MODEL 138 FUNCTIONAL CHARACTERISTICS
01	GA24-3633-0	GN31-7508		S/370 MODEL 138 CHANNEL CHARACTERISTICS
01	GA24-3634-1			S/370 MODEL 148 FUNCTIONAL CHARACTERISTICS
01	GA24-3635-0			S/370 MODEL 148 CHANNEL CHARACTERISTICS
04	**GA24-3638-2			3896 TAPE-DOCUMENT CONVERTER MACHINE DESCRIPTION AND KEY OPERATOR'S GUIDE
08	GA24-3639-1	GN24-0817		3838 ARRAY PROCESSOR FUNCTIONAL CHARACTERISTICS
04	GA24-3640-3	GN24-0858	GN31-7216	3895 DOCUMENT READER/INSCRIBER - INPUT DOCUMENT DESIGN GUIDELINES
09	**GA24-3653-2	**GN31-7226	**GN31-7533	3644 AUTOMATIC DATA UNIT, COMPONENT DESCRIPTION
04	GA24-3656-0	GN24-0820	GN31-7502	3890 DOCUMENT PROCESSOR MODELS C & D OPERATOR'S GUIDE
13	GA24-3663-2	**GN31-7511		MAGNETIC HAND SCANNER - MAGNETIC SLOT READER REPLACEMENT PROCEDURES
04	GA24-3664-1	GN31-7225		3895 DOCUMENT READER/INSCRIBER OPERATOR'S GUIDE
15	**GA24-3667-4			4300 PROCESSORS PHYSICAL PLANNING
01	**GA24-3669-2			4341 PROCESSOR OPERATOR'S GUIDE
01	**GA24-3671-3			4341 PROCESSOR CHANNEL CHARACTERISTICS
01	**GA24-3672-3			4341 PROCESSOR FUNCTIONAL CHARACTERISTICS AND PROCESSOR COMPLEX CONFIGURATOR
09	GA24-3680-2	GN31-7235		3642 ENCODER PRINTER, OPERATING GUIDE
09	**GA24-3682-1	GN31-7202	**GN31-7532	3644 AUTOMATIC DATA UNIT, OPERATING GUIDE
04	GA24-3686-0			3896 TAPE-DOCUMENT CONVERTER COPY QUALITY GUIDE
14	GA24-3715-0			1287/1288 OPTICAL CHARACTER READER VIDEO IMAGE DIGITIZING RPO COMPONENT DESCRIPTION AND OPERATING PROCEDURES
08	GA24-3716-1			3838 ARRAY PROCESSOR RESERVOIR MODELING FUNCTIONAL CHARACTERISTICS & PROGRAMMING GUIDE
03	**GA24-3733-2			3262 PRINTER MODELS 1 AND 11 COMPONENT DESCRIPTION
15	**GA24-3734-5			3262 PRINTER MODELS 1, 2, 3, 11, 12 AND 13 SITE PLANNING AND PREPARATION GUIDE
03	**GA24-3735-0			3262 PRINTER MODELS 1 AND 11 OPERATOR'S GUIDE
03	GA24-3741-0	**GN24-0896		3262 PRINTER MODELS 3 AND 13 COMPONENT DESCRIPTION
03	**GA24-3750-0			OPERATOR INSTRUCTIONS AND STATUS CCDES 3262 PRINTER MODELS 1 AND 11
01	**GA24-3763-0	**GN24-0893		4341 PROCESSOR MODEL GROUP 2 FUNCTIONAL CHARACTERISTICS AND PROCESSOR COMPLEX CONFIGURATOR
01	**GA24-3780-0			4341 PROCESSOR MODEL GROUP 2 CHANNEL CHARACTERISTICS
07	**GA26-1589-4	**GN26-0360		COMPONENT SUMMARY 2835 STORAGE CONTROL 2305 FIXED HEAD STORAGE
07	GA26-1592-5			REFERENCE MANUAL FOR IBM 3830 STORAGE CONTROL AND IBM 3330 DISK STORAGE
14	GA26-1599-2	GN26-0289		2730 MODEL 1 TRANSACTION VALIDATION TERMINAL, 2968 MODEL 9 & 12 RECEIVER-TERMINAL UNIT
15	GA26-1600-1			2730 MODEL 1, 2968 MODEL 9, AND 2968 MODEL 12: INSTALLATION MANUAL - PHYSICAL PLANNING
07	GA26-1606-2			2319 DISK STORAGE - A-SERIES, COMPONENT DESCRIPTION
07	GA26-1615-4	GN26-0340	GN26-0352	INTRODUCTION IBM 3330 A-SERIES DISK STORAGE - SYSTEM LIBRARY
07	GA26-1617-5	GN26-0338		REFERENCE MANUAL FOR IBM 3830 STORAGE CONTROL MODEL 2
07	GA26-1619-6	**GN26-0354	**GN26-0357	3340 COMPONENT SUMMARY
07	GA26-1620-3	GN26-0332	GN26-0339	REFERENCE MANUAL FOR IBM INTEGRATED STORAGE CONTROL
15	GA26-1621-1			INSTALLATION MANUAL PHYSICAL PLANNING IBM 2984 MODEL 1 CASH ISSUING TERMINAL RPO 834660
07	GA26-1625-1			3348 DATA MODULE HANDLING PROCEDURES
07	GA26-1630-1			3330 SERIES DISK STORAGE MODEL 1-11, CUSTOMER CONVERSION GUIDE
13	GA26-1632-1			3340 DISK/STORAGE - FIXED HEAD FEATURE USER'S GUIDE
03	GA26-1633-4	**GN32-0170		FORMS DESIGN REFERENCE GUIDE FOR THE IBM 3800 PRINTING SUBSYSTEM.
03	GA26-1634-4	GN32-0111	GN32-0132	3800 PRINTING SUBSYSTEM OPERATOR'S GUIDE
03	GA26-1635-2	**GN32-0156		
07	GA26-1638-2	GN26-0348	GN32-0110	REFERENCE MANUAL FOR THE IBM 3800 PRINTING SUBSYSTEM
07	GA26-1638-2	GN26-0342	GN26-0350	3350 DIRECT ACCESS STORAGE REFERENCE MANUAL
03	GA26-1646-1	**GN26-0356		
05	GA26-1647-1	**GN32-0175		3800 PRINTING SUBSYSTEM REFERENCE: OCR DOCUMENT PREPARATION-3803-3/3420-3, 5 MAGNETIC TAPE SUBSYSTEM

13	GA26-1653-2			INTRODUCING THE IBM 3800 TAPE-TO-PRINTING SUBSYSTEM FEATURE AND ITS UTILITY, PROG PROD 5748-UT2
13	GA26-1654-1			OPERATOR/REFERENCE MANUAL FOR THE IBM 3800 TAPE-TO-PRINTER SUBSYSTEM FEATURE
03	GA26-1656-0			3800 PRINTING SUBSYSTEM CHARACTER SET CATALOG
07	GA26-1657-1	**GN26-0358		3370 DIRECT ACCESS STORAGE DESCRIPTION
05	**GA26-1659-3	**GN32-0173		8809 MAGNETIC TAPE UNIT INTRODUCTION
07	GA26-1660-2	**GN26-0363		3310 DIRECT ACCESS STORAGE REFERENCE MANUAL
07	GA26-1661-3	**GN26-0361		3880 STORAGE CONTROL DESCRIPTION
07	**GA26-1664-0	**GN26-0362		3380 DISK STORAGE DESCRIPTION AND USER'S GUIDE
07	GA26-1665-0			DISK STORAGE TECHNOLOGY
07	GA26-1666-0	**GN26-0359		INTRODUCTION TO IBM 3375 DIRECT ACCESS STORAGE
07	GA26-3599-6			IBM SYSTEM/360 COMPONENT DESCRIPTIONS - 2314 DIRECT ACCESS STORAGE FACILITY AND 2844 AUXILIARY STORAGE CONTROL
07	GA26-3633-1			DATA CELL HANDLING GUIDE
07	GA26-5756-10			IBM DISK PACK AND CARTRIDGE HANDLING PROCEDURES
02	GA26-5893-7			IBM 2560 MULTI-FUNCTION CARD MACHINE: COMPONENT DESCRIPTION AND OPERATING PROCEDURES
07	GA26-5988-7			S/360 COMPONENT DESCRIPTION, 2841 ASSOCIATED DASD
06	GA27-2700-5			S/360 COMPONENT DESCRIPTION, 2260 DISPLAY STATION, 2848 DISPLAY CONTROL
06	GA27-2701-3			S/360 COMPONENT DESCRIPTION, 2250 DISPLAY UNIT MODEL 1
06	GA27-2702-0			S/360 COMPONENT DESCRIPTION, 2250 DISPLAY UNIT MODEL 2, 2840 DISPLAY CONTROL MODEL 1
09	GA27-2703-2			2703 TRANSMISSION CONTROL COMPONENT DESCRIPTION
09	GA27-2704-1			S/360 COMPONENT DESCRIPTION, 2711 LINE ADAPTER UNIT
09	GA27-2712-1			7770 AUDIO RESPONSE UNIT MODEL 3, COMPONENT DESCRIPTION
06	GA27-2721-1			S/360 COMPONENT DESCRIPTION, 2250 DISPLAY UNIT MODEL 3, 2840 DISPLAY CONTROL MODEL 2
10	GA27-2725-3			50 MAGNETIC DATA INSCRIBER COMPONENT DESCRIPTION
05	GA27-2726-1			S/360 COMPONENT DESCRIPTION, 2495 TAPE CARTRIDGE READER
15	GA27-2727-1			IBM SYSTEM/360 CUSTOM SYSTEMS UNIT 2909 MODEL 3 - ASYNCHRONOUS DATA CHANNEL RPQ F13299 RPQ 882045 INSTALLATION BULLETIN - PHYSICAL PLANNING
14	GA27-2737-0			IBM 2909-3 ASYNCHRONOUS DATA CHANNEL RPQ F13299 CUSTOM FEATURE DESCRIPTION
09	**GA27-2739-13			AN INTRODUCTION TO THE IBM 3270 INFORMATION DISPLAY SYSTEM
14	GA27-2740-0			IBM 7412 MODEL 1 CONSOLE, CUSTOM SYSTEMS RPQ AA2846, CUSTOM FEATURE DESCRIPTION
15	GA27-2741-0			INSTALLATION BULLETIN PHYSICAL PLANNING FOR IBM 7412 CONSOLE MODEL 1 CUSTOM SYSTEMS RPQ AA2846
09	GA27-2742-6			3270 INFORMATION DISPLAY SYSTEM OPERATOR'S GUIDE: 3275 & 3277 DISPLAY STATIONS: 3284, 3286 & 3288 PRINTERS
09	GA27-2749-10	**GA23-0044	GN31-1189	3270 INFORMATION DISPLAY SYSTEM, COMPONENT DESCRIPTION
09	GA27-2750-5			3270 PROBLEM DETERMINATION GUIDE: IBM 3271, 3272, 3275, 3277, 3284, 3286 AND 3288
14	GA27-2752-0			3284/3286 PRINTER CUSTOM FEATURE DESCRIPTION, MARGIN STOP VARIABLE RPQ EB3995
14	GA27-2753-3			3284/3286 PRINTER CUSTOM FEATURE DESCRIPTION, VERTICAL FORMS INDEX CONTROL RPQ EB4324
14	GA27-2758-0			3270 INFORMATION DISPLAY SYSTEM CUSTOM FEATURE DESCRIPTION, DUAL CASE CHARACTER SET RPQ 8K0366
09	GA27-2759-0			3270 INFORMATION DISPLAY SYSTEM: A HUMAN FACTORS STUDY OF WORK STATION DESIGN
01	GA27-2770-1			A GUIDE TO 60 HERTZ UPS SELECTION
01	GA27-2771-1			A GUIDE TO 50 HERTZ UPS SELECTION
01	GA27-2772-1			A UPS INSTALLATION PLANNING GUIDE
14	GA27-2773-1			3284/3286 PRINTER CUSTOM FEATURE DESCRIPTION, FORMS TRACTOR RPQ WD4031
09	GA27-2774-4			A GUIDE TO USING THE TEST REQUEST FEATURE ON IBM 3270 INFORMATION DISPLAY SYSTEMS: IBM 3271, 3272, 3275, 3277 3284, 3286, AND 3288
14	GA27-2775-2			3270 INFORMATION DISPLAY SYSTEM: 3277 CUSTOM FEATURE DESCRIPTION, SIGNATURE DISPLAY RPQ 7U0010 & 8K0438
15	**GA27-2787-5			3270 INFORMATION DISPLAY SYSTEM, INSTALLATION PHYSICAL PLANNING
13	GA27-2788-3			AN INTRODUCTION TO THE IBM 3270 DATA ANALYSIS - APL FEATURE
15	GA27-2805-1			ASSEMBLY OF COAXIAL CABLES AND ACCESSORIES FOR ATTACHMENT TO IBM PRODUCTS
09	**GA27-2827-8			3270 INFORMATION DISPLAY SYSTEM, 3274 CONTROL UNIT PLANNING SETUP, AND CUSTOMIZING GUIDE
09	GA27-2837-3			3270 INFORMATION DISPLAY SYSTEM, CHARACTER SET REFERENCE
09	**GA27-2839-6			3270 INFORMATION DISPLAY SYSTEM 3278 DISPLAY STATION, PROBLEM DETERMINATION GUIDE
00	**GA27-2849-7			3270 INFORMATION DISPLAY SYSTEM, CONFIGURATOR
09	**GA27-2850-3			3270 INFORMATION DISPLAY SYSTEM CONTROL UNIT, PROBLEM DETERMINATION GUIDE
14	GA27-2862-1	GN31-1014		3270 INFORMATION DISPLAY SYSTEM: 3277/3272 MULTI-FIELD IMAGE DISPLAY RPQ MF3288
09	GA27-2865-3	**GN31-1290		3845 DATA ENCRYPTION DEVICE, 3846 DATA ENCRYPTION DEVICE, GENERAL INFORMATION
09	GA27-2866-3			3845 DATA ENCRYPTION DEVICE PRINCIPLES OF OPERATION
89	**GA27-2871-2			3270 INFORMATION DISPLAY SYSTEM, PROBLEM DETERMINATION, 3274 CONTROL UNITS
09	GA27-2890-3	**GN31-1259		3270 INFORMATION DISPLAY SYSTEM 3278 DISPLAY STATION OPERATOR'S GUIDE
09	GA27-2895-4			3276/3278 DISPLAY STATION KEYBOARD REPLACEMENT INSTRUCTIONS
14	GA27-2896-0			3270 INFORMATION DISPLAY SYSTEM, CUSTOM FEATURE DESCRIPTION MCST TO 3277 ATTACHMENT FEATURE RPQ 8K0618
09	GA27-2899-2			3846 DATA ENCRYPTION DEVICE, PRINCIPLES OF INFORMATION
09	GA27-3001-1			2740/2741 COMMUNICATIONS TERMINAL OPERATOR'S GUIDE
09	GA27-3004-2			GENERAL INFORMATION - BINARY SYNCHRONOUS COMMUNICATIONS
09	GA27-3005-3			2780 DATA TRANSMISSION TERMINAL COMPONENT DESCRIPTION
15	**GA27-3006-8	**GN27-3302		IBM REMOTE MULTIPLEXERS AND COMMUNICATIONS TERMINALS INSTALLATION MANUAL - PHYSICAL PLANNING
09	GA27-3011-1			COMPONENT DESCRIPTION, 2760 OPTICAL IMAGE UNIT

09	GA27-3013-2			SYSTEM COMPONENTS: IBM 2770 DATA COMMUNICATION SYSTEM
09	GA27-3015-3			2790 DATA COMMUNICATION SYSTEM COMPONENT DESCRIPTION
15	GA27-3017-7	GN27-3227		2790 DATA COMMUNICATION SYSTEM INSTALLATION MANUAL PHYSICAL PLANNING
15	GA27-3019-3	GN27-3130		2770 DATA COMMUNICATION SYSTEM INSTALLATION PHYSICAL PLANNING
00	GA27-3021-2			2790 CONFIGURATOR
09	GA27-3029-1			2721 PORTABLE AUDIO TERMINAL COMPONENT DESCRIPTION
09	GA27-3035-3			2790 DATA COMMUNICATION SYSTEM OPERATOR'S GUIDE
09	GA27-3038-1			OPERATOR'S GUIDE: IBM 2770 DATA COMMUNICATION SYSTEM
09	GA27-3039-0			2721 PORTABLE AUDIO TERMINAL
09	**GA27-3043-2			IBM 3735 PROGRAMMABLE BUFFERED TERMINAL CONCEIT AND APPLICATION
15	GA27-3044-1			2976 MOBILE TERMINAL SYSTEM CUSTOM SYSTEM DESCRIPTION
09	**GA27-3051-5			OPERATOR'S GUIDE - PHYSICAL PLANNING
09	**GA27-3058-3	**GN27-3192		INTRODUCTION TO THE IBM 3704 AND 3705-11 COMMUNICATIONS CONTROLLERS (CURRENT RELEASE)
09	GA27-3061-2			3872 MODEM USER'S GUIDE
09	**GA27-3062-2			3735 PROGRAMMABLE BUFFERED TERMINAL OPERATOR'S GUIDE
09	**GA27-3063-3			3872 MODEM PROBLEM DETERMINATION CARD
14	GA27-3066-2			COMPONENT INFORMATION FOR THE IBM 3780 DATA COMMUNICATION TERMINAL
14	GA27-3069-0			SUPPLEMENTARY OPERATOR'S AND PROGRAMMER'S GUIDE INFORMATION CARD, 3735 WITH 129 CARD DATA RECORDER (RPQ EB1935)
14	GA27-3073-0			SUPPLEMENTARY OPERATOR'S AND PROGRAMMER'S GUIDE INFORMATION IEM
09	**GA27-3086-2			3735 WITH IBM KEYPAD UNIT AND FILE SEARCH (RPQ #853102)
09	GA27-3087-3	GN27-3278	**GN27-3308	3735 WITH AUTO FDP EXECUTION RPQ MB7057 OPERATOR'S CARD
09	GA27-3091-2			GUIDE TO USING THE IBM 3704 COMMUNICATIONS CONTROLLER CONTROL PANEL (CURRENT RELEASE)
09	GA27-3092-1			3704 OPERATOR REFERENCE SUMMARY
09	GA27-3093-2			3705 OPERATOR REFERENCE SUMMARY
09	GA27-3094-3	GN27-3229	GN27-3239	SYNCHRONOUS DATA LINK CONTROL GENERAL INFORMATION
09	**GA27-3095-7	GN27-3260		OPERATING PROCEDURES GUIDE: IBM 3774 AND 3775 COMMUNICATION TERMINALS
09	GA27-3096-3	GN27-3235		3774 & 3775 COMMUNICATION TERMINALS, REFERENCE CARD
09	GA27-3099-1			3767 MODELS 1 & 2 COMMUNICATION TERMINAL COMPONENT DESCRIPTION
09	GA27-3100-2	GN27-3242	GN27-3259	ADVANCED FUNCTION FOR COMMUNICATIONS: SYSTEM SUMMARY
09	**GA27-3101-5			OPERATING PROCEDURES GUIDE: IEM 3771 AND 3773 COMMUNICATION TERMINAL
15	GA27-3104-3			3771 & 3773 COMMUNICATION TERMINALS REFERENCE SUMMARY
09	GA27-3106-2			3767 COMMUNICATION TERMINAL CUSTOMER SITE PREPARATION GUIDE
09	GA27-3107-4	GN27-3264		OPERATOR'S INTRODUCTION TO THE 3767 COMMUNICATION TERMINAL
09	**GA27-3108-5			OPERATING PROCEDURES GUIDE: IBM 3776 COMMUNICATION TERMINAL
09	GA27-3113-4			3776 COMMUNICATION TERMINAL REFERENCE SUMMARY
09	GA27-3114-1	GN27-3206	GN27-3216	3773, 3774 & 3775 PROGRAMMABLE COMMUNICATION TERMINALS REFERENCE SUMMARY
09	GA27-3116-0	GN27-3233	GN27-3244	3773 PROGRAMMABLE COMMUNICATION TERMINAL OPERATOR'S GUIDE
15	GA27-3120-1			IBM SYSTEMS NETWORK ARCHITECTURE INTRODUCTION
14	GA27-3123-1			2790 INSTALLER'S GUIDE
09	GA27-3124-2	GN27-3265		3767 COMMUNICATION TERMINAL FRONT DOCUMENT INSERT DEVICE USER'S INFORMATION ADDENDUM (RPQ MF5272)
09	**GA27-3125-4			OPERATING PROCEDURES GUIDE: IEM 3777 COMMUNICATION TERMINAL
14	GA27-3126-1			3777 COMMUNICATION TERMINAL REFERENCE SUMMARY
14	GA27-3127-0			3767 COMMUNICATION TERMINAL PINFEED PLATEN USER INFORMATION (RPQ EG0314 AND 851142)
09	GA27-3129-2	GN27-3240		3767 COMMUNICATION TERMINAL INTEGRATED MODEM WITH AUTO-ANSWER AND DIAL DISCONNECT (RPQ 853134) USER INFORMATION ADDENDUM
09	**GA27-3130-4			3777 MODEL 2 COMMUNICATION TERMINAL OPERATOR'S GUIDE
09	GA27-3131-0			3777 MODEL 2 COMMUNICATION TERMINAL REFERENCE SUMMARY
09	GA27-3132-1			3771, 3773, AND 3774 COMMUNICATION TERMINALS OPERATOR TIPS
30	**GA27-3136-4			3775 AND 3776 COMMUNICATION TERMINALS AND IBM 3784 LINE PRINTER OPERATOR TIPS
03	GA27-3141-0			IBM SYSTEMS NETWORK ARCHITECTURE REFERENCE SUMMARY
09	GA27-3142-1			3289 MOD 1, 2 ERROR RECOVERY AND PROBLEM DETERMINATION GUIDE
14	GA27-3143-0	GN27-3232		3773, 3774 & 3775 PROGRAMMABLE COMMUNICATION TERMINALS PROGRAMMER'S HANDBOOK
09	**GA27-3144-1			3773 & 3774 PROGRAMMABLE COMMUNICATION TERMINALS OPERATOR'S GUIDE FOR PINFEED PLATEN RPQ MJ0436
09	**GA27-3145-2			INTRODUCTION TO THE IBM 3770 DATA COMMUNICATION SYSTEM
09	GA27-3146-0	GN27-3245	GN27-3257	COMPONENT DESCRIPTION FOR THE IBM 3776 AND 3777 COMMUNICATION TERMINALS
03	GA27-3147-0			3771, 3773, 3774 & 3775 COMMUNICATION TERMINALS COMPONENT DESCRIPTION
03	GA27-3148-0			3289 LINE PRINTER MODELS 1 & 2 OPERATOR'S INSTRUCTIONS
09	GA27-3149-0			3289 LINE PRINTER MODELS 1 & 2 OPERATOR'S REFERENCE SUMMARY
03	GA27-3150-1	**GN27-3285		3842 LOOP CONTROL UNIT OPERATOR'S GUIDE
03	GA27-3151-1	**GN27-3286		3287 PRINTER OPERATOR GUIDE
03	GA27-3153-3			3287 PRINTER MODELS 1 & 2 PROBLEM DETERMINATION GUIDE
03	GA27-3159-0	**GN27-3294		3287 PRINTER COMPONENT DESCRIPTION
03	GA27-3160-0			3289 LINE PRINTER MODEL 4 OPERATOR GUIDE
03	GA27-3162-0			3289 LINE PRINTER MODEL 4 ERROR RECOVERY AND PROBLEM DETERMINATION GUIDE
09	GA27-3165-1	GN27-3261		3289 LINE PRINTER MODEL 4 OPERATOR'S REFERENCE SUMMARY
09	**GA27-3166-2			3776 MODELS 3 & 4 & 3777 MODEL 3 COMMUNICATION TERMINALS OPERATOR'S GUIDE
09	**GA27-3170-2			3776 MODELS 3 & 4, 3777 MODEL 3 COMMUNICATION TERMINAL, OPERATOR'S REFERENCE SUMMARY
14	GA27-3174-0			3774 & 3775 PROGRAMMABLE COMMUNICATION TERMINALS, REFERENCE SUMMARY
03	GA27-3176-1			3287 PRINTER OPERATOR'S GUIDE FOR TRACTOR/FORMS SEPARATOR RPQ MJ3112
03	GA27-3177-0	**GN27-3296		3289 LINE PRINTER MODELS 1 & 2 COMPONENT DESCRIPTION
14	GA27-3178-0			3289 LINE PRINTER MODEL 4 COMPONENT DESCRIPTION
				USER'S GUIDE FOR THE 3278 MODEL 2 DISPLAY ATTACHMENT TO THE IBM 3774 PROGRAMMABLE COMMUNICATION TERMINAL RPQ EJ2657

09	**GA27-3185-1			DATA COMMUNICATION DEVICE SUMMARY
15	GA27-3198-0	GN27-3251		3289 PRINTER MODEL 4 SITE PREPARATION GUIDE
09	**GA27-3200-2			3863, 3864, AND 3865 MODEMS INTRODUCTION AND SITE PREPARATION GUIDE
09	**GA27-3216-1	**GN27-3306		3863 MODEM MODELS 1 AND 2, 3864 MODEM MODELS 1 AND 2 SETUP INSTRUCTIONS AND USER'S GUIDE
09	GA27-3218-0			3865 MODEM MODELS 1 AND 2 SETUP INSTRUCTIONS AND USER'S GUIDE
03	GA27-3229-1			3287 PRINTER MODELS 1C & 2C COMPONENT DESCRIPTION
03	GA27-3230-0	**GN27-3305		3287 PRINTER MODELS 1C & 2C OPERATOR'S GUIDE
03	GA27-3231-0			3287 PRINTER MODELS 1C & 2C PROBLEM DETERMINATION GUIDE
14	*GA27-3237-0			3287 MODELS 1 & 2 OPERATOR'S GUIDE DOCUMENT INSERTION DEVICE (RPQ MK6104)
09	**GA27-3260-0			3867 LINK DIAGNOSTIC UNIT SETUP INSTRUCTIONS AND USER'S GUIDE
15	**GA27-3261-0	**GN27-3307		3867 LINK DIAGNOSTIC UNIT: SITE PREPARATION GUIDE
09	**GA27-3304-0			INTRODUCTION TO THE 3705-80 COMMUNICATION CONTROLLER
09	**GA27-3309-0			3777 MODEL 4 COMMUNICATION TERMINAL OPERATOR'S GUIDE
14	**GA27-3324-0			3287 PRINTER FINFEED PLATEN (RPQ GL2220) OPERATOR'S GUIDE
05	*GA32-0006-5			TAPE REQUIREMENTS FOR IBM ONE-HALF INCH TAPE UNITS AT: 556, 800, 1600 and 6250 BPI
05	GA32-0007-2			COMPONENT DESCRIPTION IBM 2420 MODEL 5 MAGNETIC TAPE UNIT
05	GA32-0020-3	**GN32-0176		3803/3420 MAGNETIC TAPE SUBSYSTEMS
05	GA32-0021-1	**GN32-0174		3803-2/3420 MAGNETIC TAPE SUBSYSTEMS SUBSYSTEM DESCRIPTION
05	GA32-0022-0	**GN32-0172		3410/3411 MAGNETIC TAPE SUBSYSTEM COMPONENT DESCRIPTION MANUAL
85	GA32-0023-2			3803/3420 CUSTOMER CONVERSION GUIDE
07	GA32-0031-1	GN32-0018		3850 DATA CARTRIDGE CARE AND HANDLING INSTRUCTIONS
07	GA32-0035-0	GN32-0021	GN32-0078	3850 MASS STORAGE SYSTEM MSS OP
07	GA32-0036-1	**GN32-0163		
		GN32-0079	GN32-0128	3850 MASS STORAGE SYSTEM (MSS) PRINCIPLES OF OPERATION
		**GN32-0164		
07	**GA32-0037-3			3850 MASS STORAGE SYSTEM (MSS) SENSE INFORMATION
07	GA32-0038-1	**GN32-0168		3850 MASS STORAGE SYSTEM (MSS) INTRODUCTION AND PREINSTALLATION PLANNING
00	GA32-0039-1	**GN32-0165	**GN32-0166	IBM INPUT/OUTPUT DEVICE SUMMARY
15	**GA32-0040-2			8809 MAGNETIC TAPE UNIT INSTALLATION MANUAL - PHYSICAL PLANNING
09	GA33-0001-2	GN33-0016		3875 MODEM USER'S GUIDE
09	GA33-0002-5			3874 MODEM USER'S GUIDE
01	GA33-1506-3	GN33-1706		S/370 MODEL 125 FUNCTIONAL CHARACTERISTICS
00	GA33-1507-6			S/370 MODEL 125 CONFIGURATOR
00	GA33-1508-1	GN19-6259		3125 PROCESSING UNIT INTEGRATED COMMUNICATIONS ADAPTER, CONFIGURATOR
01	GA33-1509-1	GN33-1604	GN33-1628	OPERATOR'S LIBRARY: SYSTEM/370 MODEL 125 PROCEDURES
		GN33-1671	GN33-1678	
		GN33-1688	GN33-1708	
01	GA33-1510-2			S/370 MODEL 115 FUNCTIONAL CHARACTERISTICS
00	GA33-1511-6			S/370 MODEL 115 CONFIGURATOR
01	GA33-1512-0	GN33-1616	GN33-1682	S/370 MODEL 125 CHANNEL CHARACTERISTICS
		GN33-1722		
00	GA33-1513-0	GN19-6258		3115 PROCESSING UNIT INTEGRATED COMMUNICATIONS ADAPTER, CONFIGURATOR
01	GA33-1514-1	GN33-1674	GN33-1677	OPERATOR'S LIBRARY SYSTEM/370 MODEL 115 PROCEDURES
		GN33-1687	GN33-1707	
03	GA33-1515-4	GN33-1723	GN33-1726	3203 PRINTER COMPONENT DESCRIPTION & OPERATOR'S GUIDE
		GN33-1727	GN33-1744	
		**GN33-1756		
01	GA33-1516-0	GN33-1615	GN33-1627	S/370 MODEL 115 CHANNEL CHARACTERISTICS
		GN33-1675	GN33-1681	
03	GA33-1519-1			3203 PRINTER REFERENCE SUMMARY FOR OPERATORS
01	GA33-1520-0	GN33-1683	GN33-1721	S/370 MODEL 115 CHANNEL CHARACTERISTICS FOR SYSTEMS WITH 3115-2 PROCESSING UNIT
03	GA33-1521-0			3203 MODEL 3 PRINTER REFERENCE SUMMARY FOR OPERATIONS
00	GA33-1523-1	GN33-1741		4300 PROCESSORS SUMMARY AND INPUT/OUTPUT AND DATA COMMUNICATIONS CONFIGURATOR
01	GA33-1525-2	GN33-1735	**GN33-1743	4331 OPERATING PROCEDURES & PROBLEM DETERMINATION GUIDE
01	GA33-1526-2	**GN33-1733	**GN33-1754	4331 FUNCTIONAL CHARACTERISTICS
01	GA33-1527-1	GN33-1736	GN33-1740	4331 PROCESSOR, CHANNEL CHARACTERISTICS
		**GN33-1747		
13	GA33-1528-1	GN33-1738	**GN33-1745	4331 PROCESSOR, COMPATIBILITY FEATURES
03	GA33-1529-0	GN33-1730	GN33-1732	3203 PRINTER MODEL 5 COMPONENT DESCRIPTION AND OPERATOR'S GUIDE
		**GN33-1755		
03	GA33-1531-0			3203 PRINTER MODEL 5 REFERENCE SUMMARY FOR OPERATORS
89	**GA33-1532-2			4331 PROCESSOR MODEL GROUP 1 CHANNEL LOAD SUMMARY WORKSHEET
09	**GA33-1534-0			4331 PROCESSOR MULTIUSE COMMUNICATIONS LOOP FUNCTIONAL CHARACTERISTICS
01	**GA33-1535-0			4331 PROCESSOR MODEL GROUP 2 CHANNEL CHARACTERISTIC
01	**GA33-1536-1			4331 PROCESSOR DISPLAY PRINTER ADAPTER COMPONENT DESCRIPTION
09	**GA33-1538-0			4331 PROCESSOR MULTI USE COMMUNICATIONS LOOP OPERATING PROCEDURE
07	**GA33-1539-1			4331 PROCESSOR DASD ADAPTER FOR: 3370 DIRECT ACCESS STORAGE REFERENCE MANUAL
09	**GA33-1540-0			4331 PROCESSOR LOOP ADAPTER PROBLEM DETERMINATION GUIDE
01	GA33-3005-9			S/370 MODEL 135 FUNCTIONAL CHARACTERISTICS
13	GA33-3007-3			SYSTEM/370 MODEL 135 TERMINAL ADAPTER TYPE I MODEL II (FOR ICA): SPECIAL FEATURE DESCRIPTION SYSTEM LIBRARY MANUAL
13	GA33-3008-1			IBM SYSTEM/370 MODEL 135 TERMINAL ADAPTER TYPE III FOR ICA: SPECIAL FEATURE DESCRIPTION
13	GA33-3009-3			SYSTEM/370 MODEL 135 SYNCHRONOUS DATA ADAPTER TYPE II (FOR ICA): SPECIAL FEATURE DESCRIPTION
01	GA33-3010-2			S/370 MODEL 135 CHANNEL CHARACTERISTICS
13	GA33-3011-1			IBM SYSTEM/370 MODEL 135 - TELEGRAPH ADAPTER TYPE II (FOR ICA): SPECIAL FEATURE DESCRIPTION MANUAL
00	GA33-3014-4			S/370 MODEL 135 CONFIGURATOR
14	GA33-3015-2	GN33-3049	GN33-3054	REFERENCE MANUAL FOR IBM 5985 COLOR DISPLAY CONTROL UNIT MODEL H02 AND IBM 5941 DISPLAY CONSOLE, MODEL H02 (SEE ABSTRACT FOR RPQS)
		**GN33-3181		
14	GA33-3016-1	GN33-3050		3740 DATA ENTRY SYSTEM SPECIAL SELF-CHECK NUMBER DEVICE CUSTOM

			UNIT DESCRIPTION
06	GA33-3035-2	GN33-3139	**GN33-3182 AN INTRODUCTION TO THE IBM 3250 GRAPHICS DISPLAY SYSTEM
15	GA33-3036-0	GN33-3086	3250 GRAPHICS DISPLAY SYSTEM INSTALLATION MANUAL PHYSICAL
		**GN33-3140	PLANNING
		**GN33-3175	
06	**GA33-3037-1		3250 GRAPHICS DISPLAY SYSTEM COMPONENT DESCRIPTION
06	GA33-3038-1		3250 GRAPHICS DISPLAY SYSTEM PROBLEM DETERMINATION GUIDE
14	**GA33-3039-2		3277 DISPLAY STATION, GRAPHICS ATTACHMENT RPQ 7H0284, CUSTOM FEATURE DESCRIPTION
09	**GA33-3040-4	**GN33-3184	AN INTRODUCTION TO THE IBM 8775 DISPLAY TERMINAL
09	**GA33-3044-3	**GN33-3186	8775 DISPLAY TERMINAL COMPONENT DESCRIPTION
09	**GA33-3045-3		8775 DISPLAY TERMINAL: TERMINAL USER'S GUIDE
09	**GA33-3051-2		3279 COLOR DISPLAY STATION PROBLEM DETERMINATION GUIDE
14	GA33-3052-1		3250 GRAPHICS DISPLAY SYSTEM PROBLEM DETERMINATION GUIDE WITH RPQS SU0090, SU0091, 7J0005 AND 7J0014
14	GA33-3055-1		3250 GRAPHICS DISPLAY SYSTEM CUSTOM FEATURE DESCRIPTION RPQ SU0090, SU0091, 7J0005, AND 7J0014.
09	GA33-3056-0	GN33-3104	3270 INFORMATION DISPLAY SYSTEM, COLOR & PROGRAMMED SYMBOLS
09	GA33-3057-0	GN33-3113	**GN33-3121 3270 INFORMATION DISPLAY SYSTEM 3279 COLOR DISPLAY STATION OPERATORS GUIDE
09	**GA33-3067-2		3279 COLOR DISPLAY STATION KEYBOARD REPLACEMENT INSTRUCTIONS
03	**GA33-3071-1		3270 INFORMATION DISPLAY SYSTEM 7436 PRINTER MODEL 1 OPERATORS GUIDE
03	**GA33-3072-1	**GN33-3180	7436 PRINTER MODEL COMPONENT DESCRIPTION
03	**GA33-3073-1		7436 PRINTER MODEL 1 PROBLEM DETERMINATION GUIDE
03	**GA33-3074-1	**GN33-3179	7436 PRINTER MODEL 1 SITE PLANNING, PHYSICAL PLANNING, AND CONFIGURATOR GUIDE
14	**GA33-3079-1		3279 COLOR DISPLAY STATION MODEL 3A AND 3B VIDEO OUTPUT RPQ 7J0039 CUSTOM FEATURE DESCRIPTION
14	**GA33-3085-0		3250 GRAPHICS DISPLAY SYSTEM: CONTINUOUS REFRESH RPQS 7J0024 AND 7J0025 CUSTOM FEATURE USER'S GUIDE
14	**GA33-3086-0		3250 GRAPHICS DISPLAY SYSTEM: CUSTOM FEATURE SUMMARY
14	**GA33-3093-1		8775 DISPLAY TERMINAL PRINTER ATTACHMENT RPQS 7J0044 AND 7J0045 CUSTOM FEATURE DESCRIPTION
09	**GA33-3094-0		3279 MODEL 2C COLOR DISPLAY CONSOLE PROBLEM DETERMINATION GUIDE
09	GA34-0016-1		5275 DIRECT NUMERICAL CONTROL STATION INTRODUCTION AND COMPONENT DESCRIPTION
09	GA34-0040-3	**GN34-0700	5230 DATA COLLECTION SYSTEM USER'S GUIDE
14	**GA34-1507-3		IBM SYSTEM/7-360/370 CHANNEL ATTACHMENT: GENERAL INFORMATION MANUAL, RPQ D08112
14	**GA34-1511-1		SYSTEM/370 IBM 5098-N05 SENSOR BASED CONTROL UNIT GENERAL INFORMATION MANUAL
14	GA34-1531-1		5275 MACHINE TOOL CONTROL UNIT (MCD) ACCESSORY RPQ D08286: GENERAL INFORMATION MANUAL
09	GA36-0004-0		4872 MODEM MODELS 2 & 3
97	LBOF-0411-0		PTF 5746-RC3
97	LBOF-0412-0		PTF 5746-RC3
97	**LBOF-2240-0		PTF 5746-AM2
97	**LBOF-2242-0		PTF 5746-AM4
97	SBOF-2250-0		PTF FOR OS/VS2 SVS
97	SBOF-2251-0		PTF FOR OS/VS2 MVS
97	LBOF-2255-0		PTF FOR 5746-XE3
97	LBOF-2256-0		PTF FOR 5746-XE3
97	**LBOF-2257-0		PTF 5746-XE3
85	GBOF-3313-0		FDP/IUP AVAILABILITY NOTICES: GENERAL BUSINESS APPLICATIONS
36	SBOF-3802-0		IBM VM/370: PROBLEM DETERMINATION VOLUMES 1 THROUGH 3
97	**LBOF-4921-0		PTF 5746-XE6
97	**LBOF-4922-0		PTF 5746-XE6
97	**LBOF-4923-0		PTF 5746-SA1
97	**LBOF-4927-0		PTF 5746-XE8
97	**SBOF-4928-0		PTF 5747-CH1
97	**LBOF-4931-0		PTF 5735-XX1
97	**LBOF-4932-0		PTF 5746-XXV
97	**LBOF-4933-0		PTF 5746-AM2
97	LBOF-6000-0		COMPONENTS IN SU1 (SUID 5752-801)
97	SBOF-6375-0		PTF PROGRAM NUMBER 370N-AS-465 ASSEMBLER BASIC MODULES FOR 370 DOS
97	SBOF-6376-0		PTF PROGRAM NUMBER 370N-CL-453 SYS. CONT. AND BASIC IOCS FOR 370 DOS
97	SBOF-6377-0		PTF PROGRAM NUMBER 370N-CQ-469 BTAM FOR 370 DOS
97	SBOF-6378-0		PTF PROGRAM NUMBER 370N-CQ-470 QTAM FOR 370 DOS
97	SBOF-6379-0		PTF PROGRAM NUMBER 370N-DN-481 ON LINE TEST EXEC. PROG. FOR 370 DOS
97	SBOF-6380-0		PTF PROGRAM NUMBER 370N-EU-490 EMULATOR FOR 370 DOS
97	SBOF-6381-0		PTF PROGRAM NUMBER 370N-IO-454 DIRECT ACCESS METHOD FOR 370 DOS
97	SBOF-6382-0		PTF PROGRAM NUMBER 370N-IO-455 CONSECUTIVE DISK IOCS FOR 370 DOS
97	SBOF-6383-0		PTF PROGRAM NUMBER 370N-IO-456 CONSECUTIVE TAPE IOCS FOR 370 DOS
97	SBOF-6384-0		PTF PROGRAM NUMBER 370N-IO-457 ISFMS FOR 370 DOS
97	SBOF-6385-0		PTF PROGRAM NUMBER 370N-IO-458 CONSECUTIVE FT IOCS FOR 370 DOS
97	SBOF-6386-0		PTF PROGRAM NUMBER 370N-IO-476, COMPILER I/O MODULES FOR 370 DOS
97	SBOF-6387-0		PTF PROGRAM NUMBER 370N-IO-477 1259/1412/1419 MICR IOCS FOR 370 DOS
97	SBOF-6388-0		PTF PROGRAM NUMBER 370N-IO-478 OPTICAL CHARACTER READER FOR 370 DOS
97	SBOF-6389-0		PTF PROGRAM NUMBER 370N-CQ-493 3735 TERMINAL SUPPORT FOR 370 DOS
97	SBOF-6390-0		PTF PROGRAM NUMBER 370N-UT-491 SYSTEM UTILITY PROGRAM FOR 370 DOS
97	SBOF-6391-0		PTF PROGRAM NUMBER 370N-UT-492 EREP FOR 370 DOS
97	SBOF-6392-0		PTF PROGRAM NUMBER 370N-SV-495 2311/2314/3330 SUPERVISOR FOR 370 DOS
97	SBOF-6393-0		M20 EMULATOR (VERSION 4) PTF'S - PROG. NO. 370N-IC-002

97	SBOF-6400-0	PTF LISTINGS FOR OS/VS1
97	SBOF-6401-0	DOS PTF - PROGRAM NUMBER 5744-AS1
97	SBOF-6402-0	155, 168/7074 EMUL PTF PROGRAM NUMBER 5744-AJ1
97	SBOF-6403-0	165, 168/7080 EMULATOR - PTF PROGRAM NUMEER 5744-AL1
97	SBOF-6404-0	165, 168/7094 EMULATOR - PTF PROGRAM NUMEER 5744-AM1
97	SBOF-6405-0	165, 168/7074 EMULATOR PTF LISTINGS FOR ERCGRAM NO. 5744-AK1
97	SBOF-6406-0	1410/7010 EMULATOR PTF LISTINGS FOR PRCG. NC. 5744-AG1 PTF 5744
97	SBOF-6407-0	EMULATOR PTF PROGRAM 5744-AH1
97	SBOF-6440-0	PTFS FOR DOS/VS 14XX LISTINGS, SCP COMPONENTS 5745-SC-EMI, 5745-SC-E20
97	LBOF-7521-0	5746 ADVANCED FUNCTION PTFS
97	LBOF-7523-0	PTF 5746-XE2
97	LBOF-7524-0	PTF 5746-TS1
97	LBOF-7525-0	PTF 5746-XE3
97	LBOF-7526-0	PTF 5746-XE3
97	LBOF-7527-0	PTF 5746-SU1
97	LBOF-7528-0	PTF 5746-AM2
97	•• LBOF-7530-0	PTF 5746-RC5
97	LBOF-7532-0	PTF FOR 5746-XE8
97	LBOF-7600-0	PTF DOS/VS ACF/VTAM
97	LBOF-7601-0	PTF DOS/VS ACF/VTAM NETWORK
97	LBOF-7602-0	PTF DOS/VS ACF/VTAM
97	LBOF-7606-0	PTF 5746-SA1
97	LBOF-7630-0	PTF 5746-RC2
97	LBOF-7631-0	PTF 5746-RC3
97	LBOF-7644-0	PTF 5736-XX6
97	•• LBOF-7645-0	PTF VS2 5735-XX6
97	•• LBOF-7646-0	PTF VS1 5735-XX6
97	LBOF-7655-0	PTF 5735-XX1
97	LBOF-7656-0	PTF 5735-XX1
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97	LBOF-7658-0	PTF 5735-XX3
97	SBOF-7659-0	PTF 5747-CH1
97	SBOF-7660-0	PTF 5747-CH1
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97	SBOF-7662-0	PTF 5744-BA2, 5747-AJ2
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97	SBOF-7664-0	PTF 5744-AN1, 5744-BA2
36	SBOF-8210-0	OS/VS2 SYSTEM LOGIC LIBRARY - VOLUMES 1 THROUGH 7 (UNCLLATEC VERSION)
37	GBOF-8211-0	OS/VS2 MVS SYSTEM PROGRAMMING LIBRARY DEEUGGING HANDEOCK
97	LBOF-9100-0	MVS PTF 5740-XY4
97	LBOF-9101-0	IMS PTF DB 5740-XX2
97	LBOF-9102-0	PTF IMS SVC UTIL 5740-XX2
97	LBOF-9103-0	PTF IMS DC 5740-XX2
97	LBOF-9104-0	PTF IMS MS 5740-XY2
97	LBOF-9105-0	PTF IMS FP 5740-112
97	LBOF-9106-0	PTF IMS REC CONTROL 5740-122
97	LBOF-9107-0	MVS PTF 5740-AM3
97	LBOF-9108-0	MVS PTF 5735-RC1
97	LBOF-9109-0	MVS PTF 5735-RC1
97	LBOF-9110-0	MVS PTF 5735-RC2
97	LBOF-9111-0	MVS PTF 5735-RC2
97	LBOF-9112-0	MVS PTF 5735-RC2
97	LBOF-9113-0	MVS PTF 5740-XE1
97	LBOF-9114-0	PTF MVS 5740-XE2
97	LBOF-9115-0	PTF MVS 5740-XRB
97	LBOF-9116-0	PTF MVS 5740-XR8
97	LBOF-9117-0	PTF MVS 5740-XT6
97	LBOF-9118-0	PTF MVS 5740-XXH
97	LBOF-9119-0	PTF MVS 5735-XX2
97	LBOF-9120-0	MVS PTF 5740-XY5
97	LBOF-9121-0	MVS PTF 5740-AM8
97	LBOF-9122-0	PTF SVS 5735-RC1
97	LBOF-9123-0	PTF SVS 5735-RC1
97	LBOF-9124-0	PTF SVS 5735-RC2
97	LBOF-9125-0	PTF SVS 5735-RC2
97	LBOF-9126-0	PTF SVS 5735-XX2
97	LBOF-9127-0	PTF VS1 5740-AM8
97	LBOF-9128-0	VS1 PTF 5735-RC1
97	LBOF-9129-0	VS1 PTF 5735-RC1
97	LBOF-9130-0	VS1 PTF 5735-RC2
97	LBOF-9131-0	VS1 PTF 5735-RC2
97	LBOF-9132-0	VS1 PTF 5735-RC2
97	LBOF-9133-0	VS1 PTF 5735-XX2
97	LBOF-9134-0	PTF VS1 5740-XY5
97	LBOF-9135-0	PTF 5735-XR1
97	•• LBOF-9136-0	PTF 5735-RC2
97	•• LBOF-9137-0	PTF 5740-XYG
97	•• LBOF-9139-0	PTF 5735-RC3
97	•• LBOF-9140-0	PTF VS2 5735-RC3
97	•• LBOF-9141-0	PTF FOR 5735-RC3
97	•• LBOF-9142-0	PTF VS1 5735-RC3
97	LBOF-9143-0	PTF FOR 5740-XYG
97	LBOF-9144-0	PTF FOR 5740-XXP
97	•• LBOF-9145-0	PTF 5799-AZT
97	•• LBOF-9146-0	PTF FICHE 5740-XX8
97	•• LBOF-9147-0	PTF FICHE 5735-XX7
97	•• LBOF-9148-0	PTF 5735-XR1
97	LBOF-9149-0	PTFS 5735-XR1
97	•• LBOF-9150-0	PTF 5799-BAF
97	•• LBOF-9151-0	PTF 5740-XYN
97	•• LBOF-9152-0	PTF FICHE 5662-257
97	•• LBOF-9153-0	PTF 5740-AM7
97	•• LBOF-9154-0	PTF 5748-XXH SC82

97	**	LBOF-9155-0		PTFS FOR 5735-RC5
97	**	LBOF-9156-0		PTFS FOR 5740-XX1
97	**	LBOF-9158-0		PTF 5748-XX9
97	**	LBOF-9159-0		PTF 5748-XXE
97	**	LBOF-9160-0		PTF 5748-XX9
97	**	LBOF-9161-0		PTF 5740-AMA
97	**	LBOF-9162-0		PTF 5734-LM4
97	**	LBOF-9163-0		PTF 5748-AP1
97	**	LBOF-9164-0		PTF 5734-PL1
97	**	LBOF-9165-0		PTF 5734-LM5
97	**	LBOF-9167-0		PTF 5740-XY5
97	**	LBOF-9168-0		PTF 5740-XYN
97	**	LBOF-9169-0		PTF 5740-UT3
97	**	LBOF-9170-0		PTF 5740-XR6
97	**	LBOF-9171-0		PTF 5740-XY5
97	**	LBOF-9172-0		PTF 5740-XYN
97	**	LBOF-9173-0		PTF 5740-XYN
97	**	LBOF-9174-0		PTF 5740-XYN
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97	**	LBOF-9176-0		PTF 5740-XYQ
97	**	LBOF-9177-0		PTF 5740-XR5
97	**	LBOF-9178-0		PTF 5735-OZ5
97	**	LBOF-9180-0		PTFS 5668-002
32		GB11-5011-1*		SYSTEM/370 VSPC LIBRARY PRINT PROGRAM REPORTS ALL VSPC USERS THEIR FILES AND PROFILES, IFF 5785-EAA, NOTICE
32		SB11-5012-0*		IBM SYSTEM/370 VIRTUAL STORAGE PERSONAL COMPUTING LIBRARY PRINT (VSPCPRNT), DESCRIPTION/OPERATIONS, PROG FROD 5785-EAA
30		GB11-5013-1*		SYSTEM/370: IBM 3800 PLOTTING PROGRAM, IFF 5785-AAA, NOTICE
30		SB11-5014-0*		3800 PLOTTING, IFF 5798-AAA DESCRIPTION/OPERATIONS,
50	**	GB11-5020-3*		HIGH-SPEED SEQUENTIAL RETRIEVAL OF IMS/V5 DATA BASES (HSSR), IFF 5787-LAA, NOTICE
50		SB11-5021-1*		SYSTEM/370 HIGH-SPEED SEQUENTIAL RETRIEVAL OF IMS DATA BASES VERSIONS 1.2, IFF 5787-LAA, DESCRIPTION/OPERATIONS
50		LB11-5022-1*		SYSTEM/370 HIGH-SPEED SEQUENTIAL RETRIEVAL OF IMS DATA BASES VERSION 1.2, IFF 5787-LAA, LOGIC
29	**	GB11-5025-4*		SYSTEM/370 OS/V5 INTERACTIVE PL/I FOR VSPC PL/I PROCESSOR FOR VS PERSONAL COMPUTING (VSPC), IFF 5785-EAB, NOTICE
85	**	GB11-5026-9*		INTERNATIONAL FIELD PROGRAMS, PROGRAM PRCDUCTS, PROGRAM INFORMATION AND INDEX
50		GB11-5070-0*		IBM SYSTEM/370 DOS/V5 CICS-IMS ONLINE INTERFACE, INTERACTIVE AND QUEUED EXTENDED 3270 SCREEN SUPPORT, INTERNATIONAL FIELD PROGRAM 5785-DAW, NOTICE
50		SB11-5071-0*		SYSTEM/370 CICS-IMS ONLINE INTERFACE PROGRAM DESCRIPTION AND OPERATIONS, INTERNATIONAL FIELD PROGRAM 5785-DAW
50		LB11-5072-0*		IBM SYSTEM/370 CICS-IMS ONLINE INTERFACE SYSTEMS GUIDE, INTERNATIONAL FIELD PROGRAM 5785-DAW
50		GB11-5088-0*		DL/I PERFORMANCE ENHANCEMENT-DOS/V5 & OS/V5, LIC PROG 5785-DAX, NOTICE
50	**	SB11-5089-0*		DL/I PERFORMANCE ENHANCEMENT-DOS/V5 & OS/V5, LIC PROG 5785-DAX, DESCRIPTION/OPERATIONS
34		GB11-5222-0*		IBM CONVERSION AID S/3 TO DOS/V5, IFF 5785-KAC, NOTICE
34		SB11-5223-0*		CONVERSION AID SYSTEM/3 TO SYSTEM/370 IFF 5785-KAC PROGRAM DESCRIPTION AND OPERATIONS MANUAL
50		GB11-5224-0*		IMS/V5 APPLICATION CONTROL SYSTEM, IFF 5787-NAC, NOTICE
50		GB11-5225-0*		IMS/V5 APPLICATION CONTROL SYSTEM, IFF 5787-NAC, GENERAL INFORMATION MANUAL
50		SB11-5226-0*		IMS/V5 APPLICATION CONTROL SYSTEM, IFF 5787-NAC, APPLICATION PROGRAMMING REFERENCE
50		SB11-5227-0*		IMS/V5 APPLICATION CONTROL SYSTEM, IFF 5787-NAC, SYSTEM PROGRAMMING REFERENCE
50		SB11-5228-0*		IMS/V5 APPLICATION CONTROL SYSTEM, IFF 5787-NAC, TERMINAL USER'S GUIDE
22		GB11-5249-1*		SYSTEM/370 VS APL APLVS APL COMPLEMENTARY FUNCTIONS, IFF 5785-DBX, -DBY, NOTICE
22		SB11-5250-0*		APL COMPLEMENTARY FUNCTIONS, IFF 5785-DEX, -DEY DESCRIPTION/OPERATIONS
22		LB11-5251-1*		APL COMPLEMENTARY FUNCTIONS, IFF 5785-DPX, -DBY, SYSTEMS GUIDE
30		GB11-5258-0*		3850 MASS STORAGE SYSTEM TRACE INTERPRETATION PACKAGE, IFF 5785-DBW, NOTICE
30		SB11-5259-0*		3850 MASS STORAGE SYSTEM TRACE INTERPRETATION PACKAGE, IFF 5785-DBW, DESCRIPTION/OPERATIONS
30		LB11-5260-0*		3850 MASS STORAGE SYSTEM TRACE INTERPRETATION PACKAGE, IFF 5785-DBW, SYSTEMS GUIDE
21		GB11-5266-1*		SIEMENS - IBM ASSEMBLER CONVERSION AID, IFF 5785-DCA, NOTICE
21		SB11-5267-1*		IBM ASSEMBLER CONVERSION AID FROM SIEMENS ASSEMBLER, IFF 5785-DCA, DESCRIPTION/OPERATIONS
21		LB11-5268-1*		IBM ASSEMBLER CONVERSION AID FROM SIEMENS ASSEMBLER, IFF 5785-DCA, SYSTEMS GUIDE
34	**	GB11-5287-0*		ATTACHED PARTITION PROCESSOR, IFF 5785-EAG, NOTICE
34	**	SB11-5288-0*		ATTACHED PARTITION PROCESSOR, IFF 5785-EAG, DESCRIPTION/OPERATIONS
34	**	LB11-5289-0*		ATTACHED PARTITION PROCESSOR, IFF 5785-EAG
50		SB11-5309-0*		SYSTEM/370 IMS/V5 HDAM GENERALIZED SYNCNYS ANALYZER PROGRAM OPERATIONS, 5785-GAH
24		GB11-5315-1*		IBM COBOL CONVERSION AID FROM SIEMENS COEOL UNDER DOS/V5, DOS/V5E, AND OS/V5, IFF 5785-DCB, NOTICE
24		SB11-5316-0*	SN19-6508	SIEMENS-IBM COBOL CONVERSION AID, IFF 5785-DCE, DESCRIPTION/OPERATIONS
31		GB11-5318-2*		IBM DOS/V5E FILE CONVERSION AID FROM ICL 1900 SERIES FCRMAT IFF 5785-EAR, NOTICE
31		SB11-5319-1*		SYSTEM/370 OR 4300 PROCESSOR, DOS/V5E CONVERSION AID FROM ICL 1900 SERIES FORMAT, IFF 5785-EAR, DESCRIPTION/OPERATIONS
39		GB11-5324-1*	GN19-6621	CONVERSATIONAL MONITOR SYSTEM APPLICATION DISPLAY SERVICES, IFF 5785-AAE, NOTICE
39		SB11-5325-0*		APPLICATION DISPLAY SERVICES, IFF 5785-AAE,

			DESCRIPTION/OPERATIONS
39	SB11-5327-0*		APPLICATION DISPLAY SERVICE, IFP 5785-AAE, QUICK USER'S CARD
39	GB11-5328-1*		S/370 DISPLAY INPUT/OUTPUT FACILITY, IFP 5785-BAA, NOTICE
39	SB11-5329-1*		DISPLAY INPUT/OUTPUT FACILITY, IFP 5785-HAA,
			DESCRIPTION/OPERATIONS
39	SB11-5330-0*		APPLICATION DISPLAY SERVICES, IFP 5785-AAE, QUICK REFERENCE
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30	GB11-5331-1*		SYSTEM/370 MVS/TSO NCP/V5 STAFF/STCP - SNA TRANSFORM, LIC PRCG
			5785-EAF, NOTICE
50	SB11-5332-1*		SYSTEM/370 NETWORK CONTROL PROGRAM/V5 START/STOP SNA TRANSFORM,
			IFP 5785-EAF, DESCRIPTION/OPERATIONS
50	LB11-5333-1*		SYSTEM/370 NETWORK CONTROL PROGRAM/V5 START/STOP SNA TRANSFORM,
			IFP 5785-EAF, SYSTEMS GUIDE
32	GB11-5334-0*		V51 UTILITY GENERATOR, IFP 5785-LAG, NOTICE
32	SB11-5335-0*		V51 UTILITY GENERATOR, IFP 5785-LAG, DESCRIPTION/OPERATIONS
22	GB11-5336-0*		IBM VS APL IMS/V5/DB VS AFL-DL/I INTERFACE IFP 5785-FAL, NOTICE
22	SB11-5337-0*		VS APL - DL/I INTERFACE, IFP 5785-FAL, DESCRIPTION/OPERATIONS
30	GB11-5338-0*		S/370 303X PROCESSOR DATA MAPPING PROGRAM, IFP 5785-EAP, -EA
			NOTICE
30	SB11-5339-0		S/370 OR 303X PROCESSOR DATA MAPPING PROGRAM, IFP 5785-EAP,
			-EAQ, DESCRIPTION/OPERATIONS
30	SB11-5340-0*		S/370 OR 303X PROCESSOR DATA MAPPING PROGRAM, IFP 5785-EAP,
			-EAQ, USER'S GUIDE
50	GB11-5341-1*		IMS/V5 QUEUE LOADER, S/370 303X PRCESSCRS, IFP 5785-GAJ,
			NOTICE
50	**SB11-5342-1*		IMS/V5 QUEUE LOADER, IFP 5785-GAJ DESCRIPTION/OPERATIONS
30	GB11-5343-1*		NETWORK MANAGEMENT SYSTEMS NETWORK ARCHITECTURE IFP 5785-EAL,
			NOTICE
30	SB11-5344-1		SYSTEM/370 - NETWORK CONTROL PROGRAM BUILDER, IFP 5785-EAL
			DESCRIPTION/OPERATIONS
34	GB11-5350-0*		SYSTEM/3 TO DOS/VSE CONVERSION AID, IFP 5785-KAD, NOTICE
34	SB11-5351-0*		CONVERSION AID SYSTEM/3 TO DOS/VSE, IFP 5785-KAD,
			DESCRIPTION/OPERATIONS
34	GB11-5352-1*		SYSTEM/370 OS/V51 AND MVS UP, MP, OR JES1 MULTI-ACCESS SPOOL
			CHAINED JOBS SCHEDULING, IFP 5785-GAK, NCTICE
34	SB11-5353-0*		S/370 CHAINED JOBS SCHEDULING, IFP 5785-GAK,
			DESCRIPTION/OPERATIONS
34	LB11-5354-0*		S/370 CHAINED JOBS SCHEDULING PROGRAM, IFP 5785-GAK, LOGIC
24	GB11-5358-0*		IBM COBOL CONVERSION AID FROM NCR COBOL, IFP 5785-DCD, NOTICE
24	SB11-5359-0*		IBM COBOL CONVERSION AID FROM NCR COBOL, IFP 5785-DCD,
			DESCRIPTION/OPERATIONS
35	**GB11-5366-1*		LOCAL DISPLAY TERMINAL SIMULATOR, IFP 5785-EAY, NOTICE
35	**SB11-5367-0*		LOCAL DISPLAY TERMINAL SIMULATOR, IFP 5785-EAY,
			DESCRIPTION/OPERATIONS
24	GB11-5370-0*		COBOL CONVERSION AID FROM ICL PLAN 5787-EAC, -EAD, NCTICE
30	GB11-5384-0*		MVS CONTROL OF MAGNETIC TAPE ERRORS, IFP 5785-EAX, NOTICE
30	SB11-5385-0*		TAPE ERROR CONTROL SYSTEM, IFP 5785-EAX, DESCRIPTION/OPERATIONS
24	GB11-5402-0*		CONVERSION AID IBM COBOL CONVERSION AID FROM FACOM COBOL, IFP
			5785-JAD
24	SB11-5403-0*	** SN19-6689	IBM COBOL CONVERSION AID FROM FACOM CCBOL, IFP 5785-JAL,
			DESCRIPTION/OPERATIONS
50	**GB11-5404-1*		IMS/V5 INTERACTIVE SCREEN IMPLEMENTATION AND TUTORIAL SYSTEM,
			IFP 5785-GAQ, NOTICE
50	**SB11-5405-0*		IMS/V5 INTERACTIVE SCREEN IMPLEMENTATION AND TUTORIAL SYSTEM,
			IFP 5785-GAQ DESCRIPTION/OPERATIONS
50	GB11-5406-0*		DATA BASE SEGMENTS DISTRIBUTION ANALYZER, IFP 5785-GAR, NOTICE
50	SB11-5407-0*		DATA BASE SEGMENTS DISTRIBUTION ANALYZER, IFP 5785-GAR,
			DESCRIPTION/OPERATIONS
32	**GB11-5408-0		CONVERSION AID FOR BATCH JOB STREAMS, IFP 5785-EBF
32	**SB11-5409-0*		CONVERSION AID FOR BATCH JOB STREAMS, IFP 5785-EBF,
			DESCRIPTION/OPERATIONS
50	GB11-5410-0*		BATCH TERMINAL FAST PATH SUPPORT, IFP 5785-CAA, NOTICE
50	**GB11-5411-0		BATCH TERMINAL FAST PATH SUPPORT IFP 5785-CAA
			DESCRIPTION/OPERATIONS
24	GB11-5412-0*		IBM COBOL CONVERSION AID FROM HONEYWELL COBOL, IFP 5785-JAA,
			NOTICE
24	SB11-5413-0*	** SN19-6690	IBM COBOL CONVERSION AID FROM HONEYWELL COBOL, IFP 5785-JAA,
			DESCRIPTION/OPERATIONS
24	GB11-5414-0*		IBM COBOL CONVERSION AID FROM UNIVAC COBOL, IFP 5785-JAC,
			NOTICE
24	SB11-5415-0*	** SN19-6691	IBM COBOL CONVERSION AID FROM UNIVAC CCBOL, IFP 5785-JAC,
			DESCRIPTION/OPERATIONS
34	GB11-5438-1*		MVS MODULE PACKER, IFP 5785-WAA, NCTICE
34	GB11-5440-1*		MVS LINK PACK AREA PACKER, IFP 5785-WAB, NCTICE
50	SB11-5445-0*		IMS/V5 APPLICATION CONTROL SYSTEM, IFP 5787-NAC, REL 1. MODIF 0
			MESSAGES AND CODES
30	GB11-5447-0*		TAPE LIBRARY CONTROL SYSTEM, IFP 5785-EAW, NOTICE
30	SB11-5448-0*		TAPE LIBRARY CONTROL SYSTEM, IFP 5785-EAW,
			DESCRIPTION/OPERATIONS
30	SB11-5449-0*		TAPE LIBRARY CONTROL SYSTEM, IFP 5785-EAW, USER'S GUIDE
34	**SB11-5450-1*		MVS MODULE PACKER, IFP 5785-WAA, DESCRIPTION/OPERATIONS
34	**SB11-5451-1*		MVS LINK PACK AREA PACKER, IFP 5785-WAB, DESCRIPTION/OPERATIONS
50	**GB11-5452-0*		CICS/V5 DATA ENTRY FACILITY, IFP 5785-WAE, NOTICE
50	**SB11-5453-0*		CICS/V5 DATA ENTRY FACILITY, IFP 5785-WAE,
			DESCRIPTION/OPERATIONS
31	GB11-5463-0*		SYSTEM/370 FILE FORMATTER FOR THE IBM OFFICE SYSTEM 6, IFP
			5785-EBH
24	**GB11-5480-0*		DOS/VSE COBOL CONVERSION AID FROM ICL COBOL, IFP 5785-EBJ,
			NOTICE
24	**SB11-5481-0*		IBM DOS/VSE COBOL CONVERSION AID FROM ICL COBOL, IFP 5785-EBJ,
			DESCRIPTION/OPERATIONS
50	**GB11-5500-0*		HIGH-SPEED SEQUENTIAL RETRIEVAL CHAINED ANTICIPATORY BUFFERING,
			IFP 5787-LAC, NOTICE
50	**SB11-5501-0*		HIGH-SPEED SEQUENTIAL RETRIEVAL, IFP 5787-LAC,
			DESCRIPTION/OPERATIONS

50	** LB11-5502-0*		HIGH-SPEED SEQUENTIAL RETRIEVAL, IFP 5787-LAC, LOGIC
29	** GB11-5514-0*		COBOL AND PL/I CONVERSION AID, IFP 5785-EBG, NOTICE
29	** SB11-5515-0*		COBOL AND PL/I CONVERSION AID, IFP 5785-EB6 DESCRIPTION/OPERATIONS
21	** GB11-5518-0*		ASSEMBLER MACRO CONVERSION AID, IFP 5785-EBE, NOTICE
21	** SB11-5519-0*		ASSEMBLER MACRO CONVERSION AID, IFP 5785-EBE DESCRIPTION/OPERATIONS
50	** SB11-5558-0*		USER'S GUIDE TO THE HIGH-SPEED SEQUENTIAL RETRIEVAL BUFFERING SERVICES, IFP 5787-LAC
22	GB21-0414-1		GRAPHS & HISTOGRAMS IN APL, FDP 5798-AGL, NOTICE
22	SB21-0415-0		GRAPHS & HISTOGRAMS IN APL, FDP 5798-AGL, DESCRIPTION/OPERATIONS
22	LB21-0416-1		GRAPHS & HISTOGRAMS IN APL, FDP 5798-AGI, SYSTEMS GUIDE
24	GB21-0493-2		RCA COBOL TO IBM ANS COBOL CONVERSION AID FOR SYSTEM/360/370 AVAILABILITY NOTICE - FDP NUMBER 5798-AHI
30	GB21-0686-3		DOS 2311/14/19 - 3330 DASD DEVICE INDEPENDENCE ROUTINES AVAILABILITY NOTICE - FDP NUMBER 5798-ALK
30	SB21-0687-1		DOS 2311/14/19-3330 DASD DEVICE INDEPENDENCE ROUTINES PROGRAM DESCRIPTION/OPERATIONS MANUAL - FDP NUMBER 5798-ALK
30	LB21-0688-0		DOS 2311/14/19-3330 DASD DEVICE INDEPENDENCE ROUTINES SYSTEMS GUIDE - FDP NUMBER 5798-ALK
21	GB21-0704-2		BURROUGHS 100/200/300/500 BASIC ASSEMBLER LANGUAGE TO IBM DOS ALC CONVERSION AID FOR SYSTEM/360, 370 AVAILABILITY NOTICE - FDP NUMBER 5798-AMC
21	SB21-0705-1		BURROUGHS 100/200/300/500 BASIC ASSEMBLER LANGUAGE TO IBM DOS ALC CONVERSION AID FOR SYSTEM/360, 370 PROGRAM DESCRIPTION/OPERATIONS MANUAL - FDP NUMBER 5798-AMC
30	GB21-0740-3		DOS 3330 DATA SET CONVERSION AID AVAILABILITY NOTICE - FDP NUMBER 5798-AMN
30	SB21-0741-1		DOS 3330 DATA SET CONVERSION AID PROGRAM DESCRIPTION/OPERATIONS MANUAL - FDP NUMBER 5798-AMN
30	LB21-0742-1		DOS 3330 DATA SET CONVERSION AID SYSTEMS GUIDE - FDP NUMBER 5798-AMN
30	SB21-0762-0		STREAM - A3270 INFORMATION DISPLAY SYSTEM PROGRAMMING AID FOR SYSTEM/360, 370 PROGRAM DESCRIPTION/OPERATIONS MANUAL FDP NUMBER 5798-ANE
30	LB21-0763-1		STREAM - A3270 INFORMATION DISPLAY SYSTEM PROGRAMMING AID for System/360/370, FDP 5798-ANE, SYSTEMS GUIDE
50	SB21-0801-2		SYSTEM/360/370 CPU CONSOLE AS CICS MASTER TERMINAL: FDP 5798-ANK DESCRIPTION/OPERATIONS
24	GB21-0836-1		BURROUGHS 2500 SERIES COBOL TO IBM ANS CCBCL CONVERSION AID AVAILABILITY NOTICE - FDP NUMBER 5798-AFH
24	SB21-0837-0		BURROUGHS 2500 SERIES COBOL TO IBM ANS CCBOL CONVERSION AID PROGRAM DESCRIPTION/OPERATIONS MANUAL - FDP NUMBER 5798-APH
24	LB21-0838-0		BURROUGHS 2500 SERIES COBOL TO IBM ANS CCBCL CONVERSION AID SYSTEMS GUIDE - FDP NUMBER 5798-APH
24	GB21-0839-1		NCR CENTURY COBOL TO IBM ANS COBOL; CONVERSION AID FOR SYSTEM/360/370, FDP 5798-APG NOTICE
24	SB21-0840-0		IBM ANS COBOL CONVERSION AID FOR NCR CENTURY COBOL FOR SYSTEM/360/370 PROGRAM DESCRIPTION/OPERATIONS MANUAL - FDP NUMBER 5798-APG
24	LB21-0841-0		IBM ANS COBOL CONVERSION AID FOR NCR CENTURY COBOL FOR SYSTEM/360/370 SYSTEMS GUIDE - FDP NUMBER 5798-APG
32	GB21-0857-1		OS/DITTO, FDP 5798-ARD, NOTICE
32	SB21-0858-1		OS/DITTO, FDP 5798-ARD, DESCRIPTION/OPERATIONS
32	LB21-0859-1		OS/DITTO, FDP 5798-ARD, SYSTEMS GUIDE
32	SB21-0876-2		DOS/DITTO FOR SYSTEM/360, 370 PROGRAM DESCRIPTION/OPERATIONS MANUAL - FDP NUMBER 5798-ARN
32	LB21-0877-2		DOS/DITTO FOR SYSTEM/360, 370 SYSTEMS GUIDE - FDP NUMBER 5798-ARN
32	LB21-0892-0		DOS FILE GENERATION UTILITY SYSTEMS GUIDE - FDP NUMBER 5798-ARX
24	GB21-0914-0	GN20-6370	IBM ANS COBOL FROM GE-415 COBOL CONVERSION AID FDP 5798-ASY, NOTICE
24	SB21-0915-0	SN20-6315	IBM ANS COBOL FROM GE-415 COBOL CONVERSION AID FDP 5798-ASY DESCRIPTION/OPERATIONS
24	LB21-0916-0		IBM ANS COBOL FROM GE-415 COBOL CONVERSION AID FDP 5798-ASY SYSTEMS GUIDE
24	GB21-0999-1		DOS SOURCE STATEMENT LIBRARY MAINTENANCE FOR ANS COBOL ON SYSTEM/370 AVAILABILITY NOTICE - FDP NUMBER 5798-AWD
24	SB21-1000-1		DOS SOURCE STATEMENT LIBRARY MAINTENANCE FOR ANS COBOL ON SYSTEM/370 PROGRAM DESCRIPTION/OPERATIONS MANUAL - FDP NUMBER 5798-AWE
24	LB21-1001-0		DOS SOURCE STATEMENT LIBRARY MAINTENANCE FOR ANS COBOL ON SYSTEM/370 SYSTEMS GUIDE - FDP NUMBER 5798-AWD
30	GB21-1002-3		DOS/VS DASD DEVICE INDEPENDENCE OPEN (DI OFEN) FDP 5798-AWH, NOTICE
30	SB21-1003-2		DOS/VS DASD INDEPENDENCE OPEN, 5798-AWH, DESCRIPTION/OPERATIONS
30	LB21-1004-4		DOS/VS DASD DEVICE INDEPENDENCE OPEN, FDP 5798-AWH, SYSTEMS GUIDE
21	GB21-1008-1		DOS/VS ASSEMBLER TESTING AID - FDP NUMBER 5798-AWJ NOTICE
21	SB21-1009-0	SN20-6282	DOS/VS ASSEMBLER TESTING AID - FDP NUMBER 5798-AWJ DESCRIPTION/OPERATIONS
21	LB21-1010-0		DOS/VS ASSEMBLER TESTING AID - FDP NUMBER 5798-AWJ SYSTEMS GUIDE
50	** GB21-1035-3		CICS/3270 SIMULATOR (5798-AXC), CICS DYNAMIC MAP (5798-AXR), AND CICS PERFORMANCE ANALYZER (5798-AZN): 3 FDP'S NOTICE
50	SB21-1036-1		CICS/3270 SIMULATOR, FDP 5798-AXC, DESCRIPTION/OPERATIONS
50	SB21-1075-3		CICS DYNAMIC MAP, FDP 5798-AXR, DESCRIPTION/OPERATIONS
50	SB21-1093-0		LOW LEVEL CODING AND CONTINUITY CHECKING - FDP 5798-AYN DESCRIPTION/OPERATIONS
39	GB21-1122-2		ISO COMMAND PROCESSOR - FDP 5798-AYF NOTICE
39	SB21-1123-1		ISO COMMAND PROCESSOR - FDP 5798-AYF DESCRIPTION/OPERATIONS
39	LB21-1124-1		ISO COMMAND PROCESSOR - FDP 5798-AYF SYSTEMS GUIDE
32	SB21-1196-0		UTILITY DATA REDUCTION SUBROUTINES FOR S/360-370 FDP, 5798-AZW, DESCRIPTION/OPERATIONS

32	LB21-1197-0		UTILITY DATA REDUCTION SUBROUTINES FOR S/360-370 FDP 5798-AZW, SYSTEMS GUIDE
50	GB21-1210-1		ONLINE PREPARATION OF VIDEO/370 FORMATS, FDP 5798-BAC, NOTICE
50	SB21-1211-0		ONLINE PREPARATION OF VIDEO/370 FORMATS, FDP 5798-BAC, DESCRIPTION/OPERATIONS
50	LB21-1212-0		ONLINE PREPARATION OF VIDEO/370 FORMATS, FDP 5798-BAC, SYSTEMS GUIDE
39	GB21-1273-1		TSO/VS2 PROGRAMMING CONTRCL FACILITY - FDP 5798-BBJ - NOTICE
39	SB21-1274-1		TSO/VS2 PROGRAMMING CONTRCL FACILITY - FDP 5798-BBJ DESCRIPTION/OPERATIONS
39	LB21-1275-1		TSO/VS2 PROGRAMMING CONTROL FACILITY - FDP 5798-BBJ SYSTEMS GUIDE
30	GB21-1291-1		3330 DEVICE SUPPORT EXTENDED-S/370 OS/MPT/MVT FDP 5798-BCE NOTICE
30	SB21-1292-2		3330 DEVICE SUPPORT EXTENDED S/370 OS/MPT/MVT FDP 5798-BCE DESCRIPTION/OPERATIONS
50	GB21-1336-0		IMS DC MONITOR, FDP 5798-BDF, NOTICE
30	GB21-1342-1		3890 DOS/VS APPLICATION/INSTALLATION SUPPORT, FDP 5798-BEC, NOTICE
30	SB21-1343-1		3890 DOS/VS APPLICATION/INSTALLATION SUPPORT, FDP 5798-BEC, DESCRIPTION/OPERATIONS
33	SB21-1362-0		DOS/VS SORT FOR 1400 FILES, FDP 5798-BDH, DESCRIPTION/OPERATIONS
33	LB21-1363-0		DOS/VS SORT FOR 1400 FILES, FDP 5798-BDH, SYSTEMS GUIDE
50	GB21-1373-2		CICS SOURCE PROGRAM MAINTENANCE ON-LINE - FDP 5798-BET, NOTICE
33	GB21-1376-2		CMS SORT FOR VM/370, FDP 5798-BDW, NOTICE
33	SB21-1377-1		CMS SORT FOR VM/370 FDP 5798-BDW DESCRIPTION/OPERATIONS
33	LB21-1378-0		CMS SORT FOR VM/370 FDP 5798-BDW SYSTEMS GUIDE
32	SB21-1399-4	SN20-6514	DOS/DITTO EXTENSIONS FOR S/370 - FDP 5798-CAF, DESCRIPTION/OPERATIONS
32	LB21-1400-2		DOS/DITTO EXTENSIONS FOR S/370 - FDP 5798-CAF, SYSTEMS GUIDE
34	GB21-1404-1		VS1 UTILIZATION MONITOR - FDP 5798-CAK, NOTICE
34	SB21-1405-1		VS1 UTILIZATION MONITOR (5798-CAK) FDP PROGRAM DESCRIPTION/OPERATIONS MANUAL
40	LB21-1427-0		IMS/VS 2260-3270 CONVERSION AID, FDP 5798-CEB, SYSTEMS GUIDE
50	GB21-1441-1		CICS/M.T.C.S. 3270 SCREEN FORMAT UTILITY - FDP 5798-CEH, NOTICE
50	SB21-1442-0		CICS/M.T.C.S. 3270 SCREEN FORMAT UTILITY - FDP 5798-CEH, DESCRIPTION/OPERATIONS
50	LB21-1443-0		CICS/M.T.C.S. 3270 SCREEN FORMAT UTILITY - FDP 5798-CEH, SYSTEMS GUIDE
30	GB21-1456-1		EXTENDING SEQUENTIAL DISK FILES FOR DOS/VS - FDP 5798-CBN, NOTICE
30	LB21-1458-0		EXTENDING SEQUENTIAL DISK FILES FOR DOS/VS - FDP 5798-CBN, SYSTEMS GUIDE
50	SB21-1505-3		CICS NETWORK ACTIVITY SIMULATOR - FDP 5798-CCH, DESCRIPTION/OPERATIONS
50	GB21-1507-0		CICS PLOT, FDP 5798-CCG, NOTICE
50	SB21-1508-1		CICS PLOT, FDP 5798-CCG, DESCRIPTION/OPERATIONS
34	GB21-1513-1		POWER/VS COST & PERFORMANCE ANALYZER, FDP 5798-CDG NOTICE
34	SB21-1514-1		POWER/VS COST & PERFORMANCE ANALYZER, FDP 5798-CDG, DESCRIPTION/OPERATIONS
34	LB21-1515-0		POWER/VS COST & PERFORMANCE ANALYZER, FDP 5798-CDG SYSTEMS GUIDE
30	GB21-1546-1		1400 COMPATIBILITY ACCESS ROUTINE - FDP 5798-CDB, NOTICE
30	SB21-1547-0		1400 COMPATIBILITY ACCESS ROUTINE - FDP 5798-CDB, DESCRIPTION/OPERATIONS
32	GB21-1549-1		OS/DITTO EXTENSIONS, FDP 5798-CDA, NOTICE
32	SB21-1550-0		OS/DITTO EXTENSIONS, FDP 5798-CDA, DESCRIPTION/OPERATIONS
32	LB21-1551-0		OS/DITTO EXTENSIONS, FDP 5798-CDA, SYSTEMS GUIDE
28	GB21-1566-1		S/370 RPG II ANALYSIS & DOCUMENTATION AID, FDP 5798-CDL, NOTICE
28	SB21-1567-0		S/370 RPG II ANALYSIS & DOCUMENTATION AID, FDP 5798-CDL, DESCRIPTION/OPERATIONS
28	LB21-1568-0		S/370 RPG II ANALYSIS & DOCUMENTATION AID, FDP 5798-CDL, SYSTEMS GUIDE
50	GB21-1578-0		IMS ON-LINE PROGRAM AND JOB DEVELOPMENT SYSTEM - FDP 5798-CDR, NOTICE
50	SB21-1579-1	SN20-6434	IMS ON-LINE PROGRAM AND JOB DEVELOPMENT SYSTEM FDP 5798-CDF, DESCRIPTION/OPERATIONS
25	LB21-1615-0		FORTRAN PREPROCESSOR FOR STRUCTURED PROGRAMMING - FDP 5798-CEW, SYSTEMS GUIDE
50	GB21-1641-0		CICS/M.T.C.S. ON-LINE PANEL ENTRY LIBRARY SYSTEM - FDP 5798-CET, NOTICE
50	SB21-1642-2		CICS/M.T.C.S. ON-LINE PANEL ENTRY LIBRARY SYSTEM - FDP 5798-CET, DESCRIPTION/OPERATIONS
50	LB21-1643-0	LN20-6478	CICS/M.T.C.S. ON-LINE PANEL ENTRY LIBRARY SYSTEM - FDP 5798-CET, SYSTEMS GUIDE
30	SB21-1654-1		GENERALIZED TRACE FACILITY - DIRECT ACCESS CONTENTION ANALYZER - FDP 5798-CEZ, DESCRIPTION/OPERATIONS
50	GB21-1680-1		MTCS/VS, FDP 5798-CFK, NOTICE
50	SB21-1681-1		MTCS/VS, FDP 5798-CFK, DESCRIPTION/OPERATION
50	LB21-1682-1		MTCS/VS, FDP 5798-CFK, SYSTEM GUIDE
50	GB21-1696-3		CICS SOURCE PROGRAM MAINTENANCE ON-LINE II - FDP 5798-CPT, NOTICE
50	**SB21-1697-4		CICS/VS PERFORMANCE ANALYZER II - FDP 5798-CFF, DESCRIPTION/OPERATIONS
50	**SB21-1700-4		CICS SOURCE PROGRAM MAINTENANCE ON-LINE II - FDP 5798-CPT, DESCRIPTION/OPERATIONS
36	GB21-1773-0		DOS DASDI JCL CONVERSION AID - FDP 5798-CHA, NOTICE
36	SB21-1774-0		DOS DASDI JCL CONVERSION AID - FDP 5798-CHA, DESCRIPTION/OPERATIONS
36	LB21-1775-0		DOS DASDI JCL CONVERSION AID - FDP 5798-CHA, SYSTEMS GUIDE
33	GB21-1776-0		3741 SORT PROGRAM, FDP 5798-CHB, NOTICE
33	SB21-1777-0		3741 SORT PROGRAM, FDP 5798-CHB, DESCRIPTION/OPERATIONS
33	LB21-1778-0		3741 SORT PROGRAM, FDP 5798-CHB, SYSTEMS GUIDE
50	GB21-1786-0		DATA BASE CALL MACROS, FDP 5798-CHK, NOTICE

50	GB21-1792-0			IMS MONITOR SUMMARY AND SYSTEM ANALYSIS PROGRAM II (IMSASAP II), FDP 5798-CHJ, NOTICE
50	SB21-1793-2	SN20-6528		IMS MONITOR SUMMARY AND SYSTEM ANALYSIS PROGRAM II (IMSASAP II) - FDP 5798-CHJ, DESCRIPTION/OPERATIONS
34	LB21-1794-1			SYSTEM FOR GENERALIZED PERFORMANCE ANALYSIS REPORTING (GPAR) - FDP 5798-CPR, SYSTEMS GUIDE
39	GB21-1795-1			TSO/3270 DISPLAY COPY SUPPORT, FDP 5798-CHL NOTICE
39	SB21-1796-2			TSO/3270 DISPLAY COPY SUPPORT, FDP 5798-CHL, DESCRIPTION/OPERATIONS
22	GB21-1804-1			APL DATA LANGUAGE, FDP 5798-CHR, NOTICE
22	SB21-1805-2			API DATA LANGUAGE, FDP 5798-CHR, DESCRIPTION/OPERATIONS
34	SB21-1808-2			GENERALIZED TRACE FACILITY - DATA ANALYSIS PROGRAM - FDP 5798-CHT, DESCRIPTION/OPERATIONS
30	GB21-1810-0			DOS/VS DASD SPACE UTILIZATION ANALYSIS - FDP 5798-CHW, NOTICE
34	GB21-1816-1			DOS/VS STORAGE & CPU UTILIZATION, FDP 5798-CHY, NOTICE
30	GB21-1822-0			370X TRACE EDITOR, FDP 5798-CHZ, NOTICE
30	SB21-1823-0			370X TRACE EDITOR, FDP 5798-CHZ, DESCRIPTION/OPERATIONS
34	GB21-1834-0			OS/VS CAPACITY MANAGEMENT AID - FDP 5798-CJB, NOTICE
34	SB21-1835-1			OS/VS CAPACITY MANAGEMENT AID - FDP 5798-CJB, DESCRIPTION/OPERATIONS
34	LB21-1836-1			OS/VS CAPACITY MANAGEMENT AID - FDP 5798-CJB, SYSTEMS GUIDE
50	GB21-1837-1			CICS/VS DATASET RECOVERY FACILITY - FDP 5798-CJF, NOTICE
50	SB21-1838-0			CICS/VS DATASET RECOVERY FACILITY - FDP 5798-CJF, DESCRIPTION/OPERATIONS
50	GB21-1840-0			VIDEO/370 ON-LINE STATUS DISPLAY - FDP 5798-CJA, NOTICE
50	SB21-1841-1			VIDEO/370 ON-LINE STATUS DISPLAY - FDP 5798-CJA, DESCRIPTION/OPERATIONS
50	GB21-1843-0			VIDEO/370 REVERSE ABSTRACT OFFLINE DATA ENTRY - FDP DOS/VS (5798-CJG) AND OS/VS (5798-CJP), NOTICE
50	SB21-1844-1			VIDEO/370 REVERSE EXTRACT OFFLINE DATA ENTRY - FDP DOS/VS (5798-CJG) AND OS/VS (5798-CJP), DESCRIPTION/OPERATIONS
50	LB21-1845-0	LN20-6436	LN20-6444	VIDEO/370 REVERSE EXTRACT/OFFLINE DATA ENTRY - FDP VIDEO/370 REVERSE EXTRACT OFFLINE DATA ENTRY -FDP DOS/VS (5798-CJG) AND OS/VS (5798-CJP), SYSTEMS GUIDE
50	GB21-1862-2			CICS/VS PERFORMANCE ANALYZER II - FDP 5798-CFP, NOTICE
50	GB21-1874-0			CICS/VS DUMP READING PROGRAM, OS/VS, 5798-CJX, NOTICE
50	SB21-1875-0			CICS/VS DUMP READING PROGRAM - OS/VS FDP 5798-CJX, DESCRIPTION/OPERATIONS
39	GB21-1877-0			CMSERVICE, FDP 5798-CJZ, NOTICE
39	SB21-1878-0			CMSERVICE, FDP 5798-CJZ, DESCRIPTION/OPERATIONS
37	GB21-1897-0			DOS/VS INTERACTIVE DEBUG FACILITY, FDP 5798-CKF, NOTICE
37	SB21-1898-0			DOS/VS INTERACTIVE DEBUG FACILITY, FDP 5798-CKF, DESCRIPTION/OPERATIONS
37	LB21-1899-0			DOS/VS INTERACTIVE DEBUG FACILITY, FDP 5798-CKF, SYSTEMS GUIDE
31	GB21-1900-0			DOS/VS LOADER, FDP 5798-CKG, NOTICE
31	SB21-1901-0			DOS/VS LOADER, FDP 5798-CKG, DESCRIPTION/OPERATIONS
30	GB21-1903-1			HASP-JES2 SPOOL TRANSFER PROGRAM, FDP 5798-CKJ, NOTICE
30	SB21-1904-2			HASP-JES2 SPOOL TRANSFER PROGRAM, FDP 5798-CKJ, DESCRIPTION/OPERATIONS
30	LB21-1905-1			HASP-JES2 SPOOL TRANSFER PROGRAM, FDP 5798-CKJ, SYSTEMS GUIDE
29	SB21-1913-0			PL/I D TO PL/I OPTIMIZER CONVERSION PROGRAM, FDP 5798-CKL, DESCRIPTION/OPERATIONS
39	GB21-1924-1			INTRODUCTION TO TSO, FDP 5798-CKT, NOTICE
39	SB21-1925-0	SN20-6571		INTRODUCTION TO TSO, FDP 5798-CKT, COURSE DESCRIPTION ADMINISTRATION MANUAL
39	SB21-1926-0	SN20-6572		INTRODUCTION TO TSO, FDP 5798-CKT, STUDENT MATERIALS MANUAL
32	GB21-1936-0			3770 COMMUNICATIONS UTILITY, FDP 5798-CKZ, NOTICE
32	SB21-1937-1			3770 COMMUNICATIONS UTILITY, FDP 5798-CKZ, DESCRIPTION/OPERATIONS
32	LB21-1938-1			3770 COMMUNICATIONS UTILITY, FDP 5798-CKZ, SYSTEMS GUIDE
50	GB21-1945-0			IMS HISTORY REPORTING SYSTEM, FDP 5798-CLB, NOTICE
50	SB21-1946-0			IMS HISTORY REPORTING SYSTEM, FDP 5798-CLB, DESCRIPTION/OPERATIONS
21	GB21-1957-0			STRUCTURED PROGRAMMING MACROS, FDP 5798-CLF, NOTICE
23	GB21-1963-1			SYSTEM/370 VS BASIC CONVERSION, FDP 5798-CLH, NOTICE
50	GB21-1969-0			IMS MASTER TERMINAL OPERATOR ASSIST FACILITY, FDP 5798-CLK, NOTICE
50	SB21-1970-1			IMS MASTER TERMINAL OPERATOR ASSIST FACILITY, FDP 5798-CLK, DESCRIPTION/OPERATIONS
50	GB21-1978-0			IMS SOURCE PROGRAM AND JOB DEVELOPMENT SYSTEM II, FDP 5798-CLP, NOTICE
50	SB21-1979-2	SN20-6563		IMS JOB DEVELOPMENT SYSTEM II, FDP 5798-CLP, DESCRIPTION/OPERATIONS
39	GB21-1981-2			DOS/VS ENTRY TIME SHARING SYSTEM/II (ETSS/II), FDP 5798-CLR, AVAILABILITY NOTICE
39	SB21-1982-1			DOS/VS ENTRY TIME SHARING SYSTEM/II (ETSS/II), FDP 5798-CLR, DESCRIPTION/OPERATIONS
39	LB21-1983-0			DOS/VS ENTRY TIME SHARING SYSTEM/II (ETSS/II), FDP 5798-CLR, SYSTEMS GUIDE
39	GB21-1987-1			TSO PROGRAMMING CONTROL FACILITY-II, FDP 5798-CLW, NOTICE
39	SB21-1988-2			TSO PROGRAMMING FACILITY-II, FDP 5798-CLW, DESCRIPTION/OPERATIONS
39	LB21-1989-2			TSO PROGRAMMING FACILITY-II, FDP 5798-CLW, SYSTEMS GUIDE
30	GB21-1990-1			IBM DIRECT ACCESS STORAGE DEVICE CONVERSION AID, FDP 5798-CLQ, NOTICE
30	SB21-1991-1	SN20-6504		IBM DIRECT ACCESS STORAGE DEVICE CONVERSION AID, FDP 5798-CLQ, DESCRIPTION/OPERATIONS
30	GB21-1996-0			DOS/VS 3330/3340 DATA SET CONVERSION AID - EXTENSIONS FDP 5798-CNA, NOTICE
30	LB21-1998-0			DOS/VS 3330/3340 DATA SET CONVERSION AID - EXTENSIONS FDP 5798-CNA, SYSTEMS GUIDE
34	GB21-2002-0			IMS/VS VIRTUAL STORAGE ANALYSIS - FDP 5798-CNC, NOTICE
34	SB21-2003-1			IMS/VS VIRTUAL STORAGE ANALYSIS - FDP 5798-CNC, DESCRIPTION/OPERATIONS
50	GB21-2005-1			IMS/VS LOCAL COPY-II, FDP 5798-CLZ, NOTICE

50	*SB21-2006-3		IMS/VS LOCAL COPY-II, FDP 5798-CI2, DESCRIPTION/OPERATIONS
37	GB21-2019-0		OS/VS ON-LINE PROBLEM TRACKING - FDP 5798-CNJ, NOTICE
37	SB21-2020-1		OS/VS ON-LINE PROBLEM TRACKING - FDP 5798-CNJ, DESCRIPTION/OPERATIONS
24	GB21-2022-0		ACCAP/CMS CONVERSION AID - FDP 5798-CNH, NOTICE
24	SB21-2023-0		ACCAP/CMS CONVERSION AID - FDP 5798-CNH, DESCRIPTION/ OPERATIONS
50	GB21-2025-0		VTAM INTERFACE TO VIDEO/370, FDP 5798-CNK, NOTICE
50	SB21-2026-0		VTAM INTERFACE TO VIDEO/370, FDP 5798-CNK DESCRIPTION/OPERATIONS
50	GB21-2030-0		IMS AVAILABILITY REPORTS, FDP 5798-CNN, NOTICE
50	SB21-2031-0		IMS AVAILABILITY REPORTS, FDP 5798-CNN, DESCRIPTION/OPERATIONS
32	GB21-2044-0		3770-P BATCH TRANSMISSION SERVICES, FDP 5798-CNX, NOTICE
32	SB21-2045-0		3770-P BATCH TRANSMISSION SERVICES, FDP 5798-CNX, DESCRIPTION/OPERATIONS
32	LB21-2046-0		3770-P BATCH TRANSMISSION SERVICES, FDP 5798-CNX, SYSTEMS GUIDE
37	GB21-2047-0		DOS/VS INCIDENT REPORTING & TRACKING - FDP 5798-CNP, NOTICE
33	GB21-2050-0		3770 SORT, FDP 5798-CNY, NOTICE
33	SB21-2051-0		3770 SORT, FDP 5798-CNY, DESCRIPTION/OPERATIONS
32	GB21-2056-0		DOS/VS 3540 DISKETTE UTILITY FOR S/370-II - FDP 5798-CN2, NOTICE
32	SB21-2057-0		DOS/VS 3540 DISKETTE UTILITY FOR S/370-II - FDP 5798-CN2, DESCRIPTION/OPERATIONS
30	GB21-2059-0		VIDEO CORRECTION OF OCR DATA, FDP 5798-CFE, NOTICE
30	SB21-2060-0		VIDEO CORRECTION OF OCR DATA, FDP 5798-CFE, DESCRIPTION/OPERATIONS
38	GB21-2066-0		POWER/VS RJE CONTROLLED ACCESS MONITOR, FDP 5798-CPH, NOTICE
38	SB21-2067-0		POWER/VS RJE CONTROLLED ACCESS MONITOR, FDP 5798-CPH, DESCRIPTION/OPERATIONS
39	GB21-2069-3		MVS/TSO/VTAM DATA SET PRINT, FDP 5798-CPF, NOTICE
39	SB21-2070-1		MVS/TSO/VTAM DATA SET PRINT, FDP 5798-CPF, DESCRIPTION/OPERATIONS
39	LB21-2071-0	LN20-6555	MVS/TSO/VTAM DATA SET PRINT - FDP 5798-CPF, SYSTEMS GUIDE
32	GB21-2073-0		3790/3770 PVS DATA SET TEST SUPPORT, FDP 5798-CPG, NOTICE
32	SB21-2074-1		3790/3770 PVS DATA SET TEST SUPPORT, FDP 5798-CPG, DESCRIPTION/OPERATIONS
40	GB21-2084-1		CONSOLE SPOOLING UNDER POWER/VS, FDP 5798-CPQ, NOTICE
40	SB21-2085-1		CONSOLE SPOOLING UNDER POWER/VS, FDP 5798-CPQ, DESCRIPTION/OPERATIONS
40	LB21-2086-1		CONSOLE SPOOLING UNDER POWER/VS, FDP 5798-CPQ, SYSTEMS GUIDE
34	GB21-2089-0		MVS/SMF PROBLEM PROGRAM ACTIVITY REPORTING PROGRAM, FDP 5798-CPX, NOTICE
34	SB21-2090-0		MVS/SMF PROBLEM PROGRAM ACTIVITY REPORTING PROGRAM, FDP 5798-CPX, DESCRIPTION/OPERATIONS
34	GB21-2091-2		SYSTEM FOR GENERALIZED PERFORMANCE ANALYSIS REPORTING (GPAP) - FDP 5798-CPR, NOTICE
34	SB21-2092-2		SYSTEM FOR GENERALIZED PERFORMANCE ANALYSIS REPORTING (GPAP) - FDP 5798-CPR, DESCRIPTION/OPERATIONS
34	GB21-2100-3		VIRTUAL MACHINE FACILITY/370 PERFORMANCE/MONITOR ANALYSIS, RELEASE 3, FDP 5798-CPX, NOTICE
34	** SB21-2101-4		VIRTUAL MACHINE FACILITY/370, PERFORMANCE/MONITOR ANALYSIS FDP 5798-CPX, DESCRIPTION/OPERATIONS
50	LB21-2102-0		SYSTEM/3 TO SYSTEM/370 SCREEN CONVERSION AID, FDP 5798-CQH, NOTICE
30	** GB21-2103-1		FILE CABINET OPTION, FDP 5798-CPY, NOTICE
30	SB21-2104-1		FILE CABINET OPTION, FDP 5798-CPY, DESCRIPTION/OPERATIONS
30	LB21-2105-0		FILE CABINET OPTION, FDP 5798-CPY, SYSTEMS GUIDE
50	GB21-2121-4		CICS/VS MVS PEER ADDRESS SPACES - FDP 5798-CQE, NOTICE
50	SB21-2122-2		CICS/VS MVS PEER ADDRESS SPACES - FDP 5798-CQE, DESCRIPTION/OPERATIONS
50	GB21-2126-0		HDAM SEQUENTIAL RANDOMIZER GENERATOR, FDP 5798-CQG, NOTICE
50	SB21-2127-1		HDAM SEQUENTIAL RANDOMIZER GENERATOR, FDP 5798-CQG, DESCRIPTION/OPERATIONS
50	GB21-2128-0		SYSTEM/3 TO SYSTEM/370 SCREEN CONVERSION AID, FDP 5798-CQH, NOTICE
50	SB21-2129-0		SYSTEM/3 TO SYSTEM/370 SCREEN CONVERSION AID, FDP 5798-CQH DESCRIPTION/OPERATIONS
36	GB21-2130-0		S/3 OCL TO DOS/VS JCL CONVERSION AID, FDP 5798-CQJ, NOTICE
36	SB21-2131-0		S/3 OCL TO DOS/VS JCL CONVERSION AID, FDP 5798-CQJ, DESCRIPTION/OPERATIONS
50	GB21-2137-0		GIS/VS 3270 FORMATTING AID FDP 5798-CQN, AVAILABILITY NOTICE
50	SB21-2138-0		GIS/VS 3270 FORMATTING AID, FDP 5798-CQN, DESCRIPTION/OPERATIONS
50	GB21-2139-0		IMS/VS PERFORMANCE ANALYSIS AND REPORTING SYSTEM (IMSPARS), FDP 5798-CQP, NOTICE
50	SB21-2140-1		IMS/VS PERFORMANCE ANALYSIS AND REPORTING SYSTEM (IMSPARS), FDP 5798-CQP, DESCRIPTION/OPERATIONS
34	GB21-2142-0		GENERALIZED TRACE FACILITY PERFORMANCE ANALYSIS (GTFPARS), FDP 5798-CQQ, AVAILABILITY NOTICE
34	SB21-2143-0		GENERALIZED TRACE FACILITY PERFORMANCE ANALYSIS (GTFPARS), FDP 5798-CQQ, PROGRAM DESCRIPTION/OPERATIONS MANUAL
39	SB21-2145-0	SN20-6522	DOS/VS ENTRY TIME SHARING SYSTEM/II (ETSS/II), FDP 5798-CLR, TERMINAL USERS GUIDE
39	SB21-2146-0		DOS/VS ENTRY TIME SHARING SYSTEM/II (ETSS/II), FDP 5798-CLR, TERMINAL USER'S SUMMARY
39	GB21-2151-0		CALL/OS TO VSPC ENVIRONMENT TRANSITION PROGRAM, FDP 5798-CQR, NOTICE
39	SB21-2152-1		CALL/OS TO VSPC ENVIRONMENT TRANSITION PROGRAM, FDP 5798-CQR, DESCRIPTION/OPERATIONS
39	LB21-2153-1		CALL/OS TO VSPC ENVIRONMENT TRANSITION PROGRAM, FDP 5798-CQR, SYSTEMS GUIDE
30	GB21-2154-0+		3800 PLOTTING FACILITY, FDP 5785-AAA, NOTICE
50	GB21-2156-0		CICS/VS FORMATTED TRANSACTION DUMP ONLINE, FDP 5798-CQY, NOTICE
50	SB21-2157-1		CICS/VS FORMATTED TRANSACTION DUMP ONLINE, FDP 5798-CQY, DESCRIPTION/OPERATIONS

32	SB21-2160-1			3770/3790 ASSEMBLER LISTING POST EDITOR, FDP 5798-CQZ, DESCRIPTION/OPERATIONS
40	GB21-2179-0			MVS SECONDARY OPERATOR FACILITY, FDP 5798-CRE, NOTICE
40	SB21-2180-1			MVS SECONDARY OPERATOR FACILITY, FDP 5798-CRE, DESCRIPTION/OPERATIONS
40	LB21-2181-0			MVS SECONDARY OPERATOR FACILITY, FDP 5798-CRE, SYSTEMS GUIDE
30	GB21-2184-0			ATMS II FONT CHANGE FOR THE IBM 3800, FDP 5798-CRH, NOTICE
30	SB21-2185-0	SN20-6530		ATMS II FONT CHANGE FOR THE IBM 3800, FDP 5798-CRH, DESCRIPTION/OPERATIONS
32	GB21-2190-1			DOS/DITTO & EXTENSIONS, FDP 5798-ARN, -CAF, NOTICE
39	GB21-2211-0			TERMINAL CONTROL PROGRAM FOR ETSS/II, FDP 5798-CRX, NOTICE
39	SB21-2212-0			TERMINAL CONTROL PROGRAM FOR ETSS/II, FDP 5798-CRX, DESCRIPTION/OPERATIONS
32	GB21-2215-0			IBM BRAILLE UTILITIES, FDP 5798-CRZ, NOTICE
32	SB21-2216-0			IBM BRAILLE UTILITIES, FDP 5798-CRZ, DESCRIPTION/OPERATIONS
30	GB21-2217-0			DASD SEEK SIMULATOR, FDP 5798-CTD, NOTICE
30	SB21-2218-1			DASD SEEK SIMULATOR, FDP 5798-CTD, DESCRIPTION/OPERATIONS
39	GB21-2225-0			PROGRAM FUNCTION KEY SIMULATOR FOR SPF-II, FDP 5798-CTF, AVAILABILITY NOTICE
39	SB21-2226-1			PROGRAM FUNCTION KEY SIMULATOR FOR SPF-II, FDP 5798-CTF, DESCRIPTION/OPERATIONS
39	GB21-2227-0			VSFC FULL SCREEN EDITOR, FDP 5798-CTG, AVAILABILITY NOTICE
00	SB21-2228-0			VSFC FULL SCREEN EDITOR, FDP 5798-CTG, DESCRIPTION/OPERATION
39	LB21-2229-0			VSFC FULL SCREEN EDITOR, FDP 5798-CTG, SYSTEMS GUIDE
50	GB21-2230-0			IMS FAST SCAN UTILITY, FDP 5798-CTP, NOTICE
50	SB21-2231-1	SN20-6527	SN20-6549	IMS/VS FAST SCAN UTILITY DESCRIPTION/OPERATIONS
30	GB21-2233-0			VTAM CONFIGURATION AND GENERATION AID, FDP 5798-CTL, NOTICE
30	SB21-2234-0			VTAM CONFIGURATION AND GENERATION AID, FDP 5798-CTL, DESCRIPTION/OPERATIONS
30	LB21-2235-0			VTAM CONFIGURATION AND GENERATION AID, FDP 5798-CTL, SYSTEMS GUIDE
30	GB21-2246-0			VTAM PERFORMANCE ANALYSIS REPORTING SYSTEM (VTAMPARS), FDP 5798-CTW, NOTICE
30	SB21-2247-1	**SN20-6580		VTAM PERFORMANCE ANALYSIS REPORTING SYSTEM (VTAMPARS), FDP 5798-CTW, DESCRIPTION/OPERATIONS
50	GB21-2255-0			IMS/VS TIME INITIATED INPUT FACILITY, FDP 5798-CWF, NOTICE
50	SB21-2256-0	SN20-6515		IMS/VS TIME INITIATED INPUT FACILITY, FDP 5798-CWF, DESCRIPTION/OPERATIONS
21	GB21-2278-0			3770 SUPERVISOR ASSEMBLER, FDP 5798-CWH, NOTICE
21	SB21-2279-0			3770 SUPERVISOR ASSEMBLER, FDP 5798-CWH, DESCRIPTION/OPERATIONS
32	GB21-2287-0			3800 FORMS UTILITY, FDP 5798-CWW, NOTICE
32	SB21-2288-0			3800 FORMS UTILITY, FDP 5798-CWW, DESCRIPTION/OPERATIONS
38	GB21-2326-0			SNA/RJE PRINT OUTPUT ANALYSIS, FDP 5798-CXE, NOTICE
38	SB21-2327-0			SNA/RJE PRINT OUTPUT ANALYSIS, FDP 5798-CXH, DESCRIPTION/OPERATIONS
39	SB21-2331-0			FULL SCREEN EDITOR FOR FDP 5798-CLR ETSS/II TERMINAL USER GUIDE
38	GB21-2338-0			POWER/VS IBM 3777-2 WORKSTATION PROGRAM, FDP 5798-CXR, AVAILABILITY NOTICE
38	SB21-2339-0			POWER/VS 3777-2 WORKSTATION, FDP 5798-CXR DESCRIPTION/OPERATIONS
50	GB21-2341-0			IMS FAST REORGANIZATION RELOAD, FDP 5798-CXT
50	SB21-2342-0	SN20-6559		IMS FAST REORGANIZATION RELOAD, FDP 5798-CXT, PROGRAM DESCRIPTION/OPERATIONS
24	GB21-2344-0			S/370 APPLICATION-WIDE COBOL DATA-NAMES CROSS REFERENCE FDP 5798-CYG (DOS/VS), 5798-CXW (OS/VS), NOTICE
24	SB21-2345-0	SN20-6538		S/370 APPLICATION-WIDE COBOL DATA-NAMES CROSS REFERENCE, FDP 5798-CSX, PROGRAM DESCRIPTION/OPERATIONS
50	GB21-2347-0			HDAM SEQUENTIAL RANDOMIZER GENERATOR EXTENSIONS, FDP 5798-CXN, NOTICE
50	SB21-2348-0			HDAM SEQUENTIAL RANDOMIZER GENERATOR EXTENSIONS, FDP 5798-CXN, DESCRIPTION/OPERATIONS
37	GB21-2350-0			OS/VS DATA SET EDITOR, FDP 5798-CXQ, NOTICE
37	SB21-2351-0	SN20-6535	SN20-6553	OS/VS DATA SET EDITOR, FDP 5798-CXQ, PROGRAM DESCRIPTION/OPERATIONS MANUAL
37	GB21-2355-0			PRINT LOAD ANALYZER, FDP 5798-CXY, NOTICE
37	SB21-2356-0	SN20-6568		PRINT LOAD ANALYZER, FDP 5798-CXY, DESCRIPTION/OPERATIONS
39	GB21-2361-0			VM/DMS LIBRARY MAINTENANCE AND SPMOL-II SIMULATOR, FDP 5798-CYA, NOTICE
39	SB21-2362-0	SN20-6560		VM/CMS LIBRARY MAINTENANCE AND SPMOL-II SIMULATOR, FDP 5798-CYA, DESCRIPTION/OPERATIONS
30	GB21-2370-0			RACF PRODUCTIVITY AID, FDP 5798-CYF, NOTICE
30	**SB21-2371-1			RACF PRODUCTIVITY AID, FDP 5798-CYF, DESCRIPTION/OPERATIONS
39	GB21-2373-0			TSO/JES2 BATCH DISPLAY FACILITY, FDP 5798-CYE, NOTICE
39	SB21-2374-2			TSO/JES2 BATCH DISPLAY FACILITY, FDP 5798-CYE, DESCRIPTION/OPERATIONS
30	**GB21-2375-1			AUTOMATIC TCAM NETWORK DEFINITION, FDP 5798-CYH, NOTICE
30	SB21-2376-0	**SN20-6598		AUTOMATIC TCAM NETWORK DEFINITION, FDP 5798-CYH DESCRIPTION/OPERATIONS
24	SB21-2378-0			S/370 APPLICATION-WIDE COBOL DATA-NAMES CROSS REFERENCE, FDP 5798-CYG, DESCRIPTION/OPERATIONS
50	GB21-2380-0			DL/I FAST SCAN UTILITY DOS/VS, FDP 5798-CYJ, NOTICE
50	SB21-2381-0	**SN20-6577		DL/I FAST SCAN UTILITY DOS/VS, FDP 5798-CYJ, DESCRIPTION/OPERATIONS
34	GB21-2391-0			CAPACITY PLANNING EXTENDED, FDP 5798-CYW, NOTICE
34	**SB21-2392-1			CAPACITY PLANNING EXTENDED, FDP 5798-CYW, DESCRIPTION/OPERATIONS
32	**GB21-2393-2			VIRTUAL SEQUENTIAL ACCESS METHOD (VSAM) OPERATIONS UTILITY, FDP 5798-CYR, AVAILABILITY NOTICE
32	SB21-2394-0	SN20-6558	**SN20-6578	VIRTUAL SEQUENTIAL ACCESS METHOD (VSAM) OPERATIONS UTILITY, FDP 5798-CYR, DESCRIPTION/OPERATIONS
30	GB21-2396-0			ISAM-DL/I BRIDGE, FDP 5798-CYT, NOTICE
30	SB21-2397-0	SN20-6545		ISAM-DL/I BRIDGE, FDP 5798-CYT, DESCRIPTION/OPERATIONS
39	GB21-2408-0			ETSS II, FDP 5798-CYY, NOTICE
39	SB21-2409-0			ETSS II, FDP 5798-CYY, DESCRIPTION/OPERATIONS
39	GB21-2411-0			ETSS-II BATCH LIBRARY INTERFACE TO POWER/VS, FDP 5798-CYZ,

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39	SB21-2412-0	ETSS-II BATCH LIBRARY INTERFACE TO POWER/VS, FDP 5798-CYZ, DESCRIPTION/OPERATIONS
24	GB21-2420-0	SYSTEM/370 ANS COBOL CONVERSION AID FOR NCR NEAT/3, FDP 5789-CZC, NOTICE
24	SB21-2421-0	SN20-6566 SYSTEM/370 ANS COBOL CONVERSION AID FOR NCR NEAT/3, FDP 5798-CZC, DESCRIPTION/OPERATIONS
31	GB21-2423-0	SYSTEM/3 TO SYSTEM/370 NUMERIC FIELD EDIT AND REPLACEMENT, FDP 5798-CZD, NOTICE
31	SB21-2424-0	SYSTEM/3 TO SYSTEM/370 NUMERIC FIELD EDIT AND REPLACEMENT, FDP 5798-CZD, DESCRIPTION/OPERATIONS
30	GB21-2429-0	CHARACTER EXTENSIONS FOR THE IBM 3800, FDP 5798-CZG, NOTICE
30	SB21-2430-0	CHARACTER EXTENSIONS FOR THE IBM 3800, FDP 5798-CZG, DESCRIPTION/OPERATIONS
50	SB21-2455-1	**SN20-6581 CICS SOURCE PROGRAM MAINTENANCE ONLINE II (SEM II) PDF 5798-CFT, AUDIT AND ARCHIVE FEATURE, DESCRIPTION/OPERATIONS
30	SB21-2460-0	DOS/VS DASD DEVICE INDEPENDENCE OPEN (DI-OPEN) FDP 5798-AWH, PROGRAM DESCRIPTION/OPERATIONS MANUAL
30	LB21-2461-0	DOS/VS DASD DEVICE INDEPENDENCE (DI-OPEN), FDP 5798-AWH, SYSTEMS GUIDE
37	GB21-2478-2	NETWORK PERFORMANCE ANALYZER - HOST, FDP 5798-CZR, NETWORK PERFORMANCE ANALYZER - CONTROLLER, FDP 5798-CZT, NOTICE
37	SB21-2479-1	NETWORK PERFORMANCE ANALYZER - HOST, FDP 5798-CZR, NETWORK PERFORMANCE ANALYZER - CONTROLLER, FDP 5798-CZT, DESCRIPTION/OPERATIONS
34	GB21-2481-0	INSTALLATION MANAGEMENT DOCUMENTATION AID, FDP 5798-CZW, NOTICE
34	SB21-2482-0	INSTALLATION MANAGEMENT DOCUMENTATION AID, FDP 5798-CZW DESCRIPTION/OPERATIONS
37	GB21-2487-0	NETWORK PERFORMANCE ANALYSIS AND REPORTING SYSTEM (NETPARS), FDP 5798-CZX, NOTICE
37	SB21-2488-0	NETWORK PERFORMANCE ANALYSIS AND REPORTING SYSTEM (NETPARS), FDP 5798-CZX, DESCRIPTION/OPERATIONS
34	GB21-2491-0	DOS/VS SYSTEM FOR GENERALIZED PERFORMANCE ANALYSIS REPORTING (DOS/GPAR), FDP 5798-DAA, NOTICE
34	SB21-2492-0	DOS/VS SYSTEM FOR GENERALIZED PERFORMANCE ANALYSIS REPORTING (DOS/GPAR), FDP 5798-DAA, DESCRIPTION/OPERATIONS
50	**GB21-2494-1	CUSTOMER INFORMATION CONTROL SYSTEM PERFORMANCE ANALYSIS REPORTING SYSTEM (CICSPARS), FDP 5798-DAE, NOTICE
50	**SB21-2495-1	**SN20-6586 CUSTOMER INFORMATION CONTROL SYSTEM PERFORMANCE ANALYSIS REPORTING SYSTEM (CICSPARS), FDP 5798-DAE, DESCRIPTION/OPERATIONS
34	GB21-2496-0	FORMAT/3800 II, FDP 5798-DAC, NOTICE
34	SB21-2497-0	FORMAT/3800 II, FDP 5798-DAC, DESCRIPTION/OPERATIONS
37	GB21-2498-0	CROSS DOMAIN NETWORK DATA TRANSFER, FDP 5798-DAE, NOTICE
37	SB21-2499-0	CROSS DOMAIN NETWORK DATA TRANSFER, FDP 5798-DAE, DESCRIPTION/OPERATIONS
34	SB21-2500-0	SN20-6561 SYSTEM FOR GENERALIZED PERFORMANCE ANALYSIS REPORTING (GPAR), FDP 5798-CPR; DOS/VS SYSTEM FOR GENERALIZED PERFORMANCE ANALYSIS REPORTING (DOS/GPAR), FDP 5798-DAE; PROGRAMMER'S GUIDE
34	GB21-2511-1	SYSTEM LOG DISPLAY AND SEARCH FACILITY, FDP 5798-DAL, NOTICE
34	SB21-2512-0	SYSTEM LOG DISPLAY AND SEARCH FACILITY, FDP 5798-DAL, DESCRIPTION/OPERATIONS
30	GB21-2518-0	VSAM AND ACCESS METHOD SERVICES FOR PROGRAMMERS, FDP 5798-DAN, NOTICE
30	SB21-2519-0	VSAM AND ACCESS METHOD SERVICES FOR PROGRAMMERS, FDP 5798-DAN, COURSE DESCRIPTION/ADMINISTRATION MANUAL
30	SB21-2520-0	VSAM AND ACCESS METHOD SERVICES FOR PROGRAMMERS FDP 5798-DAN, STUDENT MATERIALS MANUAL
50	GB21-2521-0	ACCOUNT NETWORK MANAGEMENT PROGRAMS, FDP 5798-DAQ (OS/VS/CICS), FDP 5798-DAT, (DOS/VS/CICS), NOTICE
50	SB21-2522-0	ACCOUNT NETWORK MANAGEMENT PROGRAMS OS/VS/CICS, FDP 5798-DAQ, DESCRIPTION/OPERATIONS
50	SB21-2524-0	SN20-6569 ACCOUNT NETWORK MANAGEMENT PROGRAMS DOS/VS/CICS, FDP 5798-DAT, DESCRIPTION/OPERATIONS
50	SB21-2526-0	NETWORK ERROR MANAGEMENT FACILITY, FDP 5798-DAW, DESCRIPTION/OPERATIONS
50	GB21-2527-0	NETWORK ERROR MANAGEMENT FACILITY, FDP 5798-DAW, NOTICE
50	SB21-2528-0	**SN20-6575 NETWORK ERROR MANAGEMENT FACILITY, FDP 5798-DAW, DESCRIPTION/OPERATIONS
32	GB21-2535-0	DATA RETRIEVAL/MANIPULATION UTILITY, FDP 5798-DBC, NOTICE
32	SB21-2536-0	**SN20-6594 DATA RETRIEVAL/MANIPULATION UTILITY, FDP 5798-DBC, DESCRIPTION/OPERATIONS
30	GB21-2541-0+	3850 TRACE INTERPRETATION PACKAGE, FDP 5785-DBW, NOTICE
30	SB21-2542-0+	3850 TRACE INTERPRETATION PACKAGE, FDP 5784-DBW DESCRIPTION/OPERATIONS
30	LB21-2545-0+	3850 TRACE INTERPRETATION PACKAGE, FDP 5785-DBW, SYSTEMS GUIDE
50	SB21-2546-0	ACCOUNT NETWORK MANAGEMENT PROGRAMS, FDP 5798-DAT (DOS/VS/CICS), FDP 5798-DAQ (OS/VS/CICS)
50	GB21-2547-0	ISAM - IMS/DB BRIDGE, FDP 5798-DBG, NOTICE
50	SB21-2548-0	ISAM TO IMS/DB BRIDGE, FDP 5798-DBG, DESCRIPTION/OPERATIONS
50	GB21-2549-0	ISAM - CICS/VS DL/I BRIDGE, FDP 5798-DBH, NOTICE
50	SB21-2550-0	ISAM - CICS/VS DL/I BRIDGE, FDP 5798-DBH, DESCRIPTION/OPERATIONS
39	GB21-2551-1	APPLICATION ENABLING FACILITY, FDP 5798-DBF, NOTICE
39	SB21-2552-0	**SN20-6579 APPLICATION ENABLING FACILITY, FDP 5798-DBF, DESCRIPTION/OPERATIONS
50	GB21-2554-0	CICS/VS OPERATIONS SUPPORT PACKAGE, FDP 5798-DBJ, NOTICE
50	SB21-2555-0	CICS/VS OPERATIONS SUPPORT PACKAGE, FDP 5798-DBJ, DESCRIPTION/OPERATIONS
39	GB21-2556-0	PF KEY SIMULATOR FOR SPF/CMS, FDP 5798-DEK, NOTICE
39	SB21-2557-0	PF KEY SIMULATOR FOR SPF/CMS, FDP 5798-DEK DESCRIPTION/OPERATIONS
50	**GB21-2561-0	CICS/VS AUTOMATED EVENT CONTROL, FDP 5798-DBQ, NOTICE
50	**SB21-2562-0	CICS/VS AUTOMATED EVENT CONTROL, FDP 5798-DBQ,

37	GB21-2566-1			DESCRIPTION/OPERATIONS
37	SB21-2567-0			NETWORK ERROR MANAGEMENT FACILITY-IMS, FDP 5798-DBN, NOTICE
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34	GB21-2568-0			DESCRIPTION/OPERATIONS
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				NOTICE
34	SB21-2569-1			ACCOUNT NETWORK MANAGEMENT - IMS-VS, FDP 5798-DBP,
				DESCRIPTION/OPERATIONS
30	**GB21-2580-0			VTAM LEVEL SELECTOR, FDP 5798-DBZ, NOTICE
30	**SB21-2581-0			VTAM LEVEL SELECTOR, FDP 5798-DBZ, DESCRIPTION/OPERATIONS
30	GB21-2604-0			FILE CABINET OPTION (FCO)/VTAM, FDP 5798-DCG, NOTICE
30	SB21-2605-0			FILE CABINET OPTION (FCO)/VTAM, FDP 5798-DCG,
				DESCRIPTION/OPERATIONS
30	LB21-2606-0			FILE CABINET OPTION (FCO)/VTAM, FDP 5798-DCG, SYSTEMS GUIDE
50	**GB21-2612-0			IMS/VIS DATA COMPRESSION FACILITY, FDP 5798-DCJ, NOTICE
50	**SB21-2613-0			IMS/VIS DATA COMPRESSION FACILITY, FDP 5798-DCJ,
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34	GB21-2614-0			DATA SET MIGRATION AND PLANNING AID, FDP 5798-DCK, NOTICE
34	SB21-2615-0			DATA SET MIGRATION AND PLANNING AID, FDP 5798-DCK,
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39	**GB21-2663-0			VSE/CENTRAL CONTROL FACILITY, FDP 5798-DCZ, NOTICE
39	**SB21-2664-1			VSE/CENTRAL CONTROL FACILITY, FDP 5798-DCZ,
				DESCRIPTION/OPERATIONS
33	**SB21-2674-0			CMS SORT FOR VM/370 FDP 5798-BDW DESCRIPTION/OPERATIONS
33	**LB21-2687-0			CMS SORT FOR VM/370 FDP 5798-BDW SYSTEMS GUIDE
30	**LB21-2705-0			FILE CABINET OPTION, FDP 5798-CFY, SYSTEMS GUIDE
34	**GB21-2721-0			MVS VIRTUAL STORAGE MONITOR, FDP 5798-DEL, NOTICE
34	**SB21-2722-0			MVS VIRTUAL STORAGE MONITOR, FDP 5798-DEL,
				DESCRIPTION/OPERATIONS
50	**GB21-2727-0			DEVELOPMENT MANAGEMENT SYSTEM (DMS)/CICS/VIS DEBUG, FDP
				5798-DEC, NOTICE
50	**SB21-2728-0			DEVELOPMENT MANAGEMENT SYSTEM (DMS)/CICS/VIS DEEUG, FDP 5798-DEC
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39	**SB21-2734-1			VSPC CUSTOMIZED FOREGROUND FACILITY, FDP 5798-DEF,
				DESCRIPTION/OPERATIONS
50	**SB21-2738-0*			IMS/VIS MASTER TERMINAL OPERATOR TRAINING III, FDP 5798-DEG,
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22	**GB21-2739-0			VS APL VARIABLE CONVERSION PROCESSOR, FDP 5798-DEH, NOTICE
22	**SB21-2740-0			VS APL VARIABLE CONVERSION PROCESSOR, FDP 5798-DEH,
				DESCRIPTION/OPERATIONS
50	**SB21-2747-0			DATA DICTIONARY UTILITIES, FDP 5798-DEI, DESCRIPTION/OPERATIONS
50	**GB21-2758-0			DATA DICTIONARY LANGUAGE PREPROCESSOR, FDP 5798-DEQ, NOTICE
50	**SB21-2759-0	**SN20-6590		DATA DICTIONARY LANGUAGE PREPROCESSOR, FDP 5798-DEQ,
				DESCRIPTION/OPERATIONS
24	**GB21-2763-0*			UNIVAC COBOL TO IBM COBOL CONVERSION AID, FDP 5785-JAC,
				AVAILABILITY NOTICE
24	**SB21-2764-0*			UNIVAC COBOL TO IBM COBOL CONVERSION AID, FDP 5785-JAC,
				DESCRIPTION/OPERATIONS
22	**GB21-2776-0*			VS APL-DL/I INTERFACE, FDP 5785-FAL, NOTICE
22	**SB21-2777-0*			VS APL-DL/I INTERFACE, FDP 5785-FAL, DESCRIPTION/OPERATIONS
50	**GB21-2780-0*			A DEPARTMENTAL REPORTING SYSTEM II TRAINING, FDP 5798-DFC,
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21	**GB21-2788-0*			ASSEMBLER MACRO CONVERSION AID, FDP 5785-EEE, NOTICE
32	**GB21-2790-0*			CONVERSION AID FOR BATCH JOBS/STREAMS, FDP 5785-EEB, NOTICE
29	**GB21-2792-0*			COBOL AND PL/I CONVERSION AID, FDP 5785-EBG, NOTICE
25	**GB21-2796-0			FORTRAN UTILITIES FOR VM/370, FDP 5798-DFH, AVAILABILITY NOTICE
25	**SB21-2797-0			FORTRAN UTILITIES FOR VM/370, FDP 5798-DFH,
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38	**GB21-9862-1			HOST REMOTE MODE ENTRY SYSTEM GENERAL INFORMATION MANUAL, IUP
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87	GB21-9866-0			COMPUTER BASED TRAINING AND INSTRUCTION COURSEWARE SUMMARY FROG
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34	GB21-9893-0			VM/SGP STATISTICS GENERATING PACKAGE, REPORT BROCHURE - IUP
				5796-PDD
50	GB21-9902-0			IQRP REFERENCE CARD, IUP 5796-PDG
50	GB21-9903-1			INTERACTIVE QUERY & REPORT PROCESSOR (IQRP), IUP 5796-PDG,
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85	**GB21-9949-15			SOFTWARE DIRECTORY KEYWORD INDEX AND PROGRAM INFORMATION:
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				EDITION
20	GCB4-5104-1			OS/VSI MASTER INDEX OF SL PUBLICATIONS (MICROFICHE EDITION)
21	LCB6-3772-2	LN7-2701	LN7-2706	IBM SYSTEM/360 OS ASSEMBLER H - PROGRAM NUMBER 5734-AS1
50	SC09-0007-2	SN12-5026	SN12-5039	VANDL-1, LIC PROG 5799-AEY, DESCRIPTION/OPERATION
30	SC19-5016-1*			3704/3705 DOS/VIS AND OS/VIS COMPATIBILITY AND EXTENDED
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				Y96614 LIC PROG 5799-AQR (OS/VIS), DESCRIPTION/OPERATIONS
07	GC19-5021-0*			WORLD TRADE ADDENDUM TO 3350/3344 INSTALLATION AND CONVERSION
				GUIDE (GC20-1780)
30	SC19-5032-1*			IBM 2970-5 BANKING TERMINAL SUPPORT UNDER CONTROL OF 3704/5
				NCP, PRPQ X97561 DESCRIPTION/OPERATION - FROG PROD 5799-ARC
50	GC19-5042-0*			IBM 5930 SUPPORT UNDER CICS/DOS/VIS (CUSTOMER INFORMATION
				CONTROL SYSTEM DOS/VIS) PRPQ DESCRIPTION/ OPERATIONS, PRPQ
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30	SC19-5110-0*			3705 SUPPORT VIA THE REID SPANISH DATA NETWORK OF THE IBM
				2970-5 AND 5935-L03 BANKING TERMINALS, AND OF THE IBM 2970-5
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50	**SC19-5111-1			X25 PACKET SWITCHING ATTACHMENT WORKING WITHIN ACP/NCP/VIS, LIC
				PROG 5799-BAK, PROGRAMMING RPQ ZA4239, DESCRIPTION/OPERATIONS
20	**GC19-6200-0			VIRTUAL MACHINE/SYSTEM PRODUCT, LIC PROG 5664-167, INTRODUCTION
34	**SC19-6201-0	**SN25-0819		VIRTUAL MACHINE/SYSTEM PRODUCT, (VM/SE) LIC PROG 5664-167,
				PLANNING & SYSTEM GENERATION GUIDE
40	**SC19-6202-0	**SN25-0823		VIRTUAL MACHINE/SYSTEM PRODUCT, LIC PROG 5664-167, OPERATOR'S
				GUIDE

36	**SC19-6203-0	**SN25-0818		VIRTUAL MACHINE/SYSTEM PRODUCT VM/SP, LIC PROG 5664-167 SYSTEM PROGRAMMER'S GUIDE
40	**SC19-6204-0	**SN25-0822		VM/SP, LIC PROG 5664-167, SYSTEM MESSAGES AND CODES
37	**SC19-6205-0	**SN28-0824		VM/SP, LIC PROG 5664-167, OLTSEP AND ERROR RECORDING GUIDE
40	**GC19-6206-0			VM/SP, LIC PROG 5664-167, TERMINAL USER'S GUIDE
20	**GC19-6207-0			VM/SP, LIC PROG 5664-167, GLOSSARY AND MASTER INDEX
36	**SC19-6209-0			VIRTUAL MACHINE/SYSTEM PRODUCT (VM/SP) LIC PROG 5664-167, CMS COMMAND AND MACRO REFERENCE
39	**SC19-6210-0			VM/SP, LIC PROG 5664-167, CMS USER'S GUIDE
36	**SC19-6211-0			VM/SP, LIC PROG 5664-167, CP COMMAND REFERENCE FOR GENERAL USERS
34	**GC19-6212-0	**GN25-0820		VM/SP, LIC PROG 5664-167, OPERATING SYSTEMS IN A VIRTUAL MACHINE
00	GC20-0360-0	GN20-0360		IBM SYSTEM/360 BIBLIOGRAPHY
00	GC20-0370-2	**GN20-0370		SYSTEM/370 AND 4300 PROCESSORS BIBLIOGRAPHY OF INDUSTRY SYSTEMS AND APPLICATION PROGRAMS
85	**GC20-1618-5			NUMBER SYSTEMS - STUDENT TEXT
85	SC20-1637-3			A GUIDE TO PL/I FOR FORTRAN USERS: STUDENT TEXT
85	SC20-1646-6			A PROGRAMMER'S INTRODUCTION TO IBM SYSTEM/360 ASSEMBLER LANGUAGE: STUDENT TEXT
85	GC20-1649-10			INTRODUCTION TO IBM DIRECT-ACCESS STORAGE DEVICES AND ORGANIZATION METHODS: STUDENT TEXT
85	SC20-1651-2			A GUIDE TO PL/I FOR COMMERCIAL PROGRAMMERS (STUDENT TEXT)
85	GC20-1684-4			INTRODUCTION TO IBM DATA PROCESSING SYSTEMS: STUDENT TEXT
04	GC20-1686-4			OCR INPUT PREPARATION GUIDE FOR THE IBM 1287/1288 OPTICAL CHARACTER READERS
85	GC20-1699-5			DATA PROCESSING GLOSSARY
01	GC20-1729-4			GUIDE TO S/370 MODEL 155
01	GC20-1730-4			GUIDE TO S/370 MODEL 165
04	GC20-1733-0			1287/1288 OCR ERROR RECOVERY GUIDE
01	GC20-1734-5	GN20-3748	GN20-3764	GUIDE TO S/370 MODEL 145
		GN20-3769		
01	GC20-1738-7	GN20-3746	GN20-3761	GUIDE TO S/370 MODEL 135
		GN20-3772	GN20-3866	
04	GC20-1739-0			HANDPRINTING CONSIDERATIONS FOR THE IBM 1287/1288 OPTICAL CHARACTER READERS
04	GC20-1750-0			3881 OPTICAL MARK READER FORMS KIT
04	GC20-1751-1			3881 OPTICAL MARK READER SYSTEMS DESIGN GUIDE
20	GC20-1752-3			OS/VIRTUAL STORAGE 1 FEATURES SUPPLEMENT
20	GC20-1753-2	GN20-3719		OS/VS2 SINGLE VIRTUAL STORAGE (SVS) FEATURES SUPPLEMENT
01	GC20-1754-4			GUIDE TO S/370 MODEL 158 FOR S/370 MODEL 155 USERS
01	GC20-1755-4			GUIDE TO S/370 MODEL 168 FOR S/370 MODEL 165 USERS
20	GC20-1756-2			DOS/VIRTUAL STORAGE FEATURES SUPPLEMENT
20	GC20-1757-2	GN20-3819		VIRTUAL MACHINE FACILITY/370 FEATURES SUPPLEMENT
04	GC20-1760-0			3886 OPTICAL CHARACTER READER FORMS KIT
13	GC20-1767-0			OPTICAL MARK READ/CARD PRINT APPLICATION SOLUTIONS IBM 3504 and 3505 CARD READERS IBM 3525 CARD PUNCH
03	GC20-1775-2			CONCEPTS OF THE IBM 3800 PRINTING SUBSYSTEM
07	GC20-1780-0	GN20-3608	GN20-3720	3350 3344 INSTALLATION AND CONVERSION GUIDE
01	GC20-1781-1	GN20-3789	GN20-3873	GUIDE TO S/370 MODEL 158 FOR S/360 USERS
01	GC20-1784-0	GN20-3749	GN20-3760	GUIDE TO S/370 MODEL 148
		GN20-3770		
01	GC20-1785-1			GUIDE TO S/370 MODEL 138
34	GC20-1786-0			PLANNING GUIDE FOR THE DOS/VS "CARDLESS" SYSTEM
01	GC20-1787-1			GUIDE TO S/370 MODEL 168 FOR S/360 USERS
34	GC20-1792-1			SYSTEM/3 TO DOS/VS CONVERSION GUIDE
20	GC20-1800-9	GN25-0489		VIRTUAL MACHINE FACILITY/370: INTRODUCTION
	SD23-9000	GN25-0756		
	SD23-9015	GN25-0498		
34	GC20-1801-10	GN25-0776	**GN25-0837	IBM VIRTUAL MACHINE FACILITY/370 PLANNING AND SYSTEM GENERATION GUIDE
	SD23-9001	GN25-0778	**GN25-0837	
	SD23-9016	GN25-0777	**GN25-0837	
40	GC20-1806-9	GN25-0491	**GN25-0834	IBM VIRTUAL MACHINE FACILITY/370 OPERATOR'S GUIDE
	SD23-9002	GN25-0758	**GN25-0834	
	SD23-9017	GN25-0500	**GN25-0834	
36	GC20-1807-7	GN25-0492	**GN25-0829	VIRTUAL MACHINE FACILITY/370: SYSTEM PROGRAMMER'S GUIDE
	SD23-9003	GN25-0759	**GN25-0829	
	SD23-9018	GN25-0750	**GN25-0829	
40	**GC20-1808-11			VIRTUAL MACHINE FACILITY/370: SYSTEM MESSAGES (CURRENT RELEASE)
37	GC20-1809-7	GN25-0493		IBM VIRTUAL MACHINE FACILITY/370 OITSEP AND ERROR RECORDING GUIDE
	SD23-9005	GN25-0760		
	SD23-9020	GN25-0751		
40	GC20-1810-9			IBM VIRTUAL MACHINE FACILITY/370 TERMINAL USER'S GUIDE
20	GC20-1813-5			IBM VIRTUAL MACHINE FACILITY/370: GLOSSARY AND MASTER INDEX
30	GC20-1816-2	GN25-0403		VM/370 REMOTE SPOOLING COMMUNICATIONS SUBSYSTEM (RSCS) USER'S GUIDE
36	**GC20-1818-3			IBM VIRTUAL MACHINE FACILITY/370: CMS COMMAND AND MACRO REFERENCE (CURRENT RELEASE)
	SD23-9008			
	SD23-9023			
39	GC20-1819-2	**GN25-0826		VM/370: CMS USER'S GUIDE
	SD23-9009	**GN25-0828		
	SD23-9024	**GN25-0827		
36	**GC20-1820-4			IBM VIRTUAL MACHINE FACILITY/370: CP COMMAND REFERENCE FOR GENERAL USERS (CURRENT RELEASE)
	SD23-9010			
	SD23-9025			
34	GC20-1821-3	GN25-0495	GN25-0773	IBM VIRTUAL MACHINE FACILITY/370: OPERATING SYSTEMS IN A VIRTUAL MACHINE
	SD23-9011	**GN25-0840		
		GN25-0762	GN25-0773	
	SD23-9026	**GN25-0840		
		**GN25-0841	GN25-0773	
		**GN25-0840		
37	GC20-1823-3	**GN25-0805		VM/370 INTERACTIVE PROBLEM CONTROL SYSTEM (IPCS) USER'S GUIDE
34	GC20-1827-5	**GN25-0833		IBM VM/370 SEPP, LIC PROG 5748-XX1, GENERAL INFORMATION
34	GC20-1828-6	**GN25-0832		VM/370 BSEPP, LIC PROG 5748-XX8, GENERAL INFORMATION
20	GC20-1830-2			VM/370 REL 5 PLC 1, SCP 5749-010, SPECIFICATIONS

34	GC20-1831-0	GN25-0449 GN25-0487	GN25-0478 GN25-0765	IBM VIRTUAL MACHINE FACILITY/370: RELEASE 5 GUIDE
34	GC20-1832-5			VM/370 SYSTEM EXTENSIONS, LIC PROG 5748-XE1, SPECIFICATIONS
34	GC20-1833-4			VM/370 BSEPP, LIC PROG 5748-XX8, SPECIFICATIONS
34	GC20-1834-0	GN25-0486	GN25-0800	VM/370 RELEASE 6 GUIDE
34	GC20-1835-1			VM/370 DIRECTORY MAINTENANCE, LIC PROG 5748-XE4, DESIGN OBJECTIVES
34	GC20-1836-1	**GN25-0801		VM/370 DIRECTORY MAINTENANCE, GENERAL INFORMATION
34	GC20-1837-0			VM/370 DIRECTORY MAINTENANCE, LIC PROG 5748-XE4, SPECIFICATIONS
20	GC20-1838-1	**GN25-0816		VIRTUAL MACHINE FACILITY/SYSTEM PRODUCT GENERAL INFORMATION MANUAL
34	SC20-1839-0	**SN25-0802		VM/370 DIRECTORY MAINTENANCE, LIC PROG 5748-XE4, GUIDE FOR GENERAL USERS
34	SC20-1840-0	**SN25-0803		VM/370 DIRECTORY MAINTENANCE, LIC PROG 5748-XE4, INSTALLATION AND SYSTEM ADMINISTRATORS GUIDE
20	** GC20-1842-1			VM/SP, LIC PROG 5664-167, SPECIFICATIONS
22	SC20-1845-0			APL/CMS INSTALLATION MANUAL, PROGRAMMING RQC MF2608 - PROG. NO. 5799-ALK
22	SC20-1846-1			APL/CMS USER'S MANUAL, PROGRAMMING RPQ MF2608 - PROG. NO. 5799-ALK
01	GC20-1854-4	**GN20-4077		A GUIDE TO THE IBM 3031 PROCESSOR COMPLEX AND ATTACHED PROCESSOR COMPLEX OF SYSTEM/370
01	GC20-1858-3	**GN20-4076		A GUIDE TO THE IBM 3032 PROCESSOR COMPLEX OF SYSTEM/370
01	**GC20-1859-6			A GUIDE TO THE IBM 3033 PROCESSOR COMPLEX, ATTACHED PROCESSOR COMPLEX, AND MULTIPROCESSOR COMPLEX OF SYSTEM/370
34	GC20-1861-5			SYSTEM INSTALLATION PRODUCTIVITY OPTION (IPO) FOR OS/VS1, GENERAL INFORMATION AND PLANNING GUIDE
34	GC20-1866-1			INTRODUCTION TO DOS/VS SYSTEM INSTALLATION PRODUCTIVITY OPTION (IPO) PROG 5750-AA5
85	**GC20-1868-2			SYSTEMS NETWORK ARCHITECTURE: SESSIONS BETWEEN LOGICAL UNITS
85	GC20-1869-2			SYSTEMS NETWORK ARCHITECTURE, INTRODUCTION TO SESSIONS BETWEEN LOGICAL UNITS
34	**GC20-1870-4			MVS/SYSTEM PRODUCT - SYSTEM IPO GENERAL INFORMATION MANUAL AND PLANNING GUIDE
85	GC20-1871-1			SYSTEM OUTAGE ANALYSIS, AN AVAILABILITY MANAGEMENT TECHNIQUE
34	**GC20-1873-3			VSE SYSTEM IPO/EXTENDED, VM SYSTEM IPO/EXTENDED, VM/VSE SYSTEM IPO/EXTENDED RELEASE 2.0, GENERAL INFORMATION MANUAL
34	GC20-1874-1	GN20-4055		VM/SYSTEM PRODUCT SYSTEM IPO/E, LIC PRG 5748-MS1, PLANNING GUIDE (CURRENT RELEASE)
34	**GC20-1875-3	**GN20-4087		VSE SYSTEM IPO/E RELEASE 2.1 PLANNING GUIDE
34	GC20-1876-1			VM/DOS/VSE SYSTEM IPO/EXTENDED PLANNING GUIDE
01	GC20-1877-0	GN20-4044	GN20-4050	A GUIDE TO THE 4331 PROCESSOR
01	**GC20-1878-1			A GUIDE TO THE 4331 PROCESSOR
30	GC20-1879-0			FIXED BLOCK DASD INSTALLATION/CONVERSION GUIDE, LIC PROG 5746-XE8 (CURRENT RELEASE)
34	**GC20-1889-0			VSE SYSTEM IPO/EXTENDED GENERAL INFORMATION MANUAL
85	** GC20-8078-0			FORM AND CARD DESIGN
85	GC20-8096-1			INTRODUCTION TO DATA MANAGEMENT STUDENT TEXT
85	** GC20-8152-1			FLOWCHARTING TECHNIQUES
30	GC21-5004-3			OS DATA MANAGEMENT SERVICES AND MACRO INSTRUCTIONS FOR IBM 1285/1287/1288
28	SC21-5005-5	SN33-9191		IBM DOS RPG II LANGUAGE, PROG. NO. 5736-RG1
30	GC21-5006-4			OS DATA MANAGEMENT SERVICES AND MACRO INSTRUCTIONS FOR IBM 1419/1275
32	SC21-5013-2			DOS IBM 1288 BASIC UNFORMATTED READ SYSTEM: A DATA CAPTURE UTILITY PROGRAM, PROG. NO. 5736-UT1
32	SC21-5014-1	SN21-5197		OS IBM 1288 BASIC UNFORMATTED READ SYSTEM: A DATA CAPTURE UTILITY PROGRAM, PROG. NO. 5734-UT3
28	GC21-5021-1			IBM DOS RPG II GENERAL INFORMATION MANUAL PROGRAM NUMBER 5736-RG1
28	GC21-5028-5			IBM DISK OPERATING SYSTEM RPG II PROGRAM PRODUCT SPECIFICATIONS PROGRAM NUMBER 5736-RG1
28	GC21-5052-0			IBM DISK OPERATING SYSTEM RPG II AUTO REPORT FEATURE GENERAL INFORMATION MANUAL - PROGRAM NUMBER 5736-RG1
28	SC21-5056-2			IBM DOS RPG II AUTO REPORT FEATURE - REFERENCE MANUAL PROGRAM NUMBER 5736-RG1
32	GC21-5067-1			PROGRAM PRODUCT FUNCTIONAL DESCRIPTION FOR IBM DOS 1288 BASIC UNFORMATTED READ SYSTEM - PROGRAM PRODUCT NUMBER 5736-UT1
32	GC21-5068-0			PROGRAM PRODUCT FUNCTIONAL DESCRIPTION FOR IBM 1288 BASIC UNFORMATTED READ SYSTEM (MPT/MVT/VS1/VS2) PROG. NO. 5734-UT3
30	GC21-5071-3			3740 BTAM/TCAM PROGRAMMER'S GUIDE
30	GC21-5097-1	GN28-2591		OS AND OS/VS PROGRAMMING SUPPORT FOR THE IBM 3505 CARD READER AND IBM 3525 CARD PUNCH
28	GC21-7514-3			INTRODUCTION TO RPG II AND RPG III: BATCH PROCESSING WITH PROGRAM DESCRIBED FILES
15	** GC22-7004-9	**GN22-2071		SYSTEM/370 INSTALLATION MANUAL, PHYSICAL PLANNING
15	** GC22-7064-3	**GN22-2177	**GN22-2178	IBM INPUT/OUTPUT EQUIPMENT: INSTALLATION MANUAL - PHYSICAL PLANNING FOR SYSTEM/360, SYSTEM/370, AND 4300 PROCESSORS
15	GC22-7067-2			3033 PROCESSOR FLOOR CUTOUT AID
15	GC22-7068-1	GN22-0579		3032 PROCESSOR FLOOR CUTOUT AID
15	GC22-7069-0	**GN22-2180		INPUT/OUTPUT EQUIPMENT REFERENCE INSTALLATION MANUAL - PHYSICAL PLANNING: SYSTEM/360, SYSTEM/370, 4300 PROCESSORS
15	**GC22-7070-1			GUIDE TO 400-HZ POWER REQUIREMENTS
30	GC22-9062-0			DATA SECURITY THROUGH CRYPTOGRAPHY
30	GC22-9063-3	GN31-1173		IBM CRYPTOGRAPHIC SUBSYSTEM CONCEPTS AND FACILITIES MANUAL
36	GC23-0001-0	GN25-0141		OS/VS2 SYSTEM PROGRAMMING LIBRARY: JES2 (VS2) RELEASE 3.7
36	GC23-0002-1	GN25-0176 GN25-0185	GN25-0180	JES2 RELEASE 4.0: MVS, SYSTEM PROGRAM LIBRARY
36	SC23-0003-1	SN25-0158 SN25-0172 SN25-0188	SN25-0164 SN25-0182	SYSTEM PROGRAMMING LIBRARY: NETWORK JOB ENTRY FACILITY FOR JES2, PROG PROD 5740-XR8
36	GC23-0004-0			MVS JES2 RELEASE 4 SELECTABLE UNIT SYSTEM INFORMATION, SUIC 5752-803
37	GC23-0005-0 GC23-0017	GN28-2896		OS/VS1 SERVICE AIDS AND OLTEP MESSAGES

40	GC23-0007-1	GN25-0175 GN25-0184 GN25-0191	GN25-0179	OPERATOR'S LIBRARY: OS/VVS2 MVS JES2 R4 CCMANDS
40	GC23-0008-3			OPERATORS LIBRARY: OS/VVS2 MVS JES3 COMMANDS JES3 RELEASE 3
36	GC23-0010-2			NETWORK JOB ENTRY FACILITY FOR JES2, RELEASE 3, LIC PRGG 5740-XR8, GENERAL INFORMATION
36	SC23-0011-1	SN25-0163 SN25-0181	SN25-0173 SN25-0187	OPERATOR LIBRARY: NETWORK JOB ENTRY FACILITY FOR JES2, LIC PROG 5740-XR8, COMMANDS
36	SC23-0012-0			INSTALLATION REFERENCE MATERIAL NETWORK JOE ENTRY FACILITY FOR JES2, PROG 5740-XR8
36	GC23-0015-0			OS/VVS2 MVS JES2 RELEASE 4.1 SEIECTABLE UNIT SYSTEM INFORMATION SUID 5752-825
37	GC23-0017-0			ENVIRONMENTAL RECORDING EDITING AND PRINTING (EREP) PROGRAM SELECTABLE UNIT: OS/VVS1 SERVICE AIDS AND OLTEP MESSAGES SUPPLEMENT SUID 5741-601
34	GC23-0018-0	GN25-0156		OS/VVS MVS JES3 3850 MSS SEIECTABLE UNIT SYSTEM INFORMATION, JES3 RELEASE 2.1 - SUID 5752-818
36	GC23-0019-0			NETWORK JOB ENTRY (NJE) FACILITY FOR JES2 RELEASE 2, PROG PROD 5740-XR8, SPECIFICATIONS
36	GC23-0024-1			OS/VVS2 MVS JES3 REL 3 SYSTEM INFORMATICN SUID 5752-826
36	GC23-0025-1			NETWORK JOB ENTRY FACILITY FOR JES2, RELEASE 3, LIC PROG 5740-XR8, SPECIFICATIONS
34	GC23-0026-0			MVS JOB ENTRY SUBSYSTEM 2 (JES2) REL 4.0 SU 03 SPECIFICATIONS, 5752-803
34	GC23-0027-0			MVS JOB ENTRY SUBSYSTEM 2 (JES2) RELEASE 4.1 SU 25 SPECIFICATIONS, 5752-825
34	GC23-0028-0			MVS JES 3 RELEASE 2, SUI2, SPECIFICATCNS, 5752-812
34	GC23-0029-0			OS/VVS2 MVS JES 3 3850 MASS STORAGE SU 18 SPECIFICATIONS, 5752-818
30	GC23-0031-0			MVS/INFORMATION DISTRIBUTION WORKSTATION SUPPORT, LIC PROG 5740-AMA GENERAL INFORMATION
30	SC23-0032-0			MVS/INFORMATION DISTRIBUTION WORK STATION SUPPORT, LIC PROG 5740-AMA ADMINISTRATION, CUSTOMIZATION, AND INSTALLATION
30	SC23-0033-0			MVS/INFORMATION DISTRIBUTION WORK STATION SUPPORT, LIC PROG 5740-AMA, OPERATION: WORK STATION CONTROLLER AND SYSTEM OWNER GUIDE
30	SC23-0034-0			MVS/INFORMATION DISTRIBUTION WORK STATION SUPPORT, LIC PROG 5740-AMA OPERATION: GENERAL USER GUIDE
30	GC23-0035-0			MVS/INFORMATION DISTRIBUTION WORK STATION SUPPORT, LIC PROG 5740-AMA, SPECIFICATIONS
36	GC23-0037-0			SCP SPECIFICATION FOR OS/VVS2 MVS JOB ENTRY SUBSYSTEM 3 (JES3) RELEASE 3 FOR MVS RELEASE 3.8
36	GC23-0038-0			OS/VVS2 JES3 OVERVIEW
20	**GC23-0039-0			JES3 INTRODUCTION
20	**SC23-0040-0			JES3 OVERVIEW
34	**SC23-0041-0			JES3 SYSTEM PROGRAMMING LIBRARY: INSTALLATION PLANNING AND TUNING
36	**SC23-0042-0			JES3 SYSTEM PROGRAMMING LIBRARY: USER MODIFICATIONS AND MACROS
37	**SC23-0043-0			JES3 SYSTEM PROGRAMMING LIBRARY: DIAGNOSIS
40	**GC23-0044-0			JES3 MESSAGES
40	**SC23-0045-0			JES3 OPERATOR'S LIBRARY
34	**SC23-0046-0			SYSTEM PROGRAMMING LIBRARY: JES2 INSTALLATION, INITIALIZATION AND TUNING.
40	**SC23-0048-0			OPERATOR'S LIBRARY: JES2 COMMANDS
37	GC23-0051-0			SUPPLEMENT FOR SU18 TO MVS JES3 DEBUGGING GUIDE: JES3 MSS, 5752-818
37	GC23-0058-0			SUPPLEMENT FOR SU29 TO MVS JES3 DEBUG GUIDE: 3838 VPSS, 5752-829
28	GC24-3337-6			OS RPG LANGUAGE SPECIFICATIONS, PRGG. NO. 360S-RG-038
34	GC24-5082-2			DOS/VVS TO OS/VVS MANAGEMENT PLANNING GUIDE
37	GC24-5086-4			DOS OLTEP
34	GC24-5090-7	GN24-5662		OS/VVS1 PLANNING AND USE GUIDE
36	GC24-5091-6			OS/VVS1 PROGRAMMER'S REFERENCE DIGEST
37	GC24-5093-5			OS/VVS1 DEBUGGING GUIDE
34	GC24-5094-7	GN24-5652	GN24-5675	OS/VVS1 STORAGE ESTIMATES
34	GC24-5095-3			DOS AND DOS/VVS TO OS/VVS1 IMPLEMENTATION GUIDE
34	GC24-5097-0	GN24-5460		OS/VVS1 RELEASE 2 GUIDE - PROG. NO. 5741-020
36	GC24-5099-4	GN24-5628		OS/VVS1 JCL REFERENCE
36	GC24-5100-4			OS/VVS1 JCL SERVICES
30	GC24-5101-0			OS/VVS IBM 3886 OPTICAL CHARACTER READER MODEL 1 REFERENCE
34	GC24-5102-0			OS/VVS1 RELEASE 2.6 GUIDE
36	GC24-5103-2	GN24-5599	GN24-5640	OS/VVS1 SUPERVISOR SERVICES AND MACRO INSTRUCTIONS
20	**SD25-0047			
20	GC24-5104-1			OS/VVS1 MASTER INDEX OF SL PUBLICATIONS
30	GC24-5109-1			OS/VVS DISKETTE COPY PROGRAMMING SUPPORT REFERENCE MANUAL, SCF 5744-BJ1,5744-BL1
30	GC24-5110-0			OS/VVS1 IBM 3540 PROGRAMMER'S REFERENCE
30	GC24-5111-0			OS/VVS2 IBM 3540 PROGRAMMER'S REFERENCE
34	GC24-5115-2			OS/VVS1 SYSTEM MANAGEMENT FACILITIES (SMF)
34	GC24-5116-0	GN24-5569		OS/VVS1 RELEASE 6 GUIDE
30	GC24-5119-1			OS/VVS1 VECTOR PROCESSING SUBSYSTEM RELEASE GUIDE, SUID 5741-606
30	GC24-5120-0			3895 DOCUMENT IDENTIFICATION & DESCRIPTION MACROS (DIDM), LIC PROG 5748-F12, GENERAL INFORMATICN
30	GC24-5122-1	GN24-5570	GN24-5590	VECTOR PROCESSING SUBSYSTEM (VPSS) PLANNING GUIDE FOR OS/VVS1 AND OS/VVS2 MVS
30	GC24-5123-1			OS/VVS2 MVS VECTOR PROCESSING SUBSYSTEM RELEASE GUIDE
30	GC24-5124-1			OS/VVS2 MVS VECTOR PROCESSING SUBSYSTEM INSTIALLATION AND OPERATION GUIDE
30	GC24-5125-1			OS/VVS1 AND OS/VVS2 MVS VECTOR PROCESSING SUBSYSTEM PROGRAMMER'S

				GUIDE
30	GC24-5126-1			OS/VS1 VECTOR PROCESSING SUBSYSTEM INSTALLATION AND OPERATION
				GUIDE, SUID 5741-606
30	GC24-5127-0			OS/VS1 SUBSYSTEM ATTACHMENT SUPPORT SUID 5741-606, SYSTEM
				INFORMATION
36	GC24-5128-0			SUPPLEMENT TO OS/VS1 PROGRAMMER'S REFERENCE DIGEST: SUID
				5741-606
34	GC24-5129-0			SUID 5741-606 SUPPLEMENT TO OS/VS1 SYSTEM MANAGEMENT FACILITIES
36	GC24-5130-0			SUPPLEMENT TO VS1 JCL REFERENCE, GC24-5099 (SUID 5741-606)
36	GC24-5131-0			SUPPLEMENT TO VS1 JCL SERVICES FOR SU6 (SUID 5741-606)
40	GC24-5132-0			OPERATOR LIBRARY, OS/VS1 REFERENCE SUPPLEMENT, SUID 5741-606
36	GC24-5133-0			SU5 SUPPLEMENT TO OS/VS1 JCL REFERENCE, GC24-5099 (SU ID
				5741-605)
36	GC24-5134-0			SU5 SUPPLEMENT TO OS/VS1 JCL SERVICES (GC24-5100-3)
30	GC24-5138-0			DOS/VSE DATA MANAGEMENT CONCEPTS (CURRENT RELEASE)
30	GC24-5139-0			DOS/VSE MACRO USER'S GUIDE (CURRENT RELEASE)
30	GC24-5140-0			DOS/VSE MACRO REFERENCE (CURRENT RELEASE)
30	GC24-5141-0			DOS/VSE VSAM-EXTENDED LICENSED PROGRAM DESIGN OBJECTIVES
30	GC24-5142-0			VSE/VSAM-EXTENDED, LIC PROG 5746-AM2, SPECIFICATIONS (CURRENT
				RELEASE)
30	GC24-5143-1			VSE/VSAM GENERAL INFORMATION
30	SC24-5144-1			USING VSE/VSAM COMMANDS AND MACROS, LIC PROG 5746-AM2 (CURRENT
				RELEASE)
30	SC24-5145-1			VSE/VSAM, LIC PROG 5746-AM2, PROGRAMMER'S REFERENCE (CURRENT
				RELEASE)
30	SC24-5146-1	SN24-5676	SN24-5685	VSE/VSAM, LIC PROG 5746-AM2, MESSAGES & CODES (CURRENT RELEASE)
30	GC24-5147-1			DOCUMENT IDENTIFICATION AND DESCRIPTION MACROS (DIDM) FOR THE
				IBM 3895 - SPECIFICATIONS, PROG PROD 5748-F12
36	GC24-5148-0			SU4 SUPPLEMENT TO OS/VS1 PROGRAMMER'S REFERENCE DIGEST (SU ID
				5741-604)
30	SC24-5149-0			SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VSE SUPERVISOR &
				MACROS, 5746-XE2
30	SC24-5150-0	SN24-5592	SN31-7507	IBM 3895 DOCUMENT IDENTIFICATION AND DESCRIPTION MACROS (DIDM)
				USER'S REFERENCE, PROG PROD 5748-F12
20	GC24-5151-0			OPERATING SYSTEM/VIRTUAL STORAGE 1 (OS/VS1) RELEASE 6 SYSTEM
				CONTROL PROGRAMMING SPECIFICATIONS
37	GC24-5152-0			SU4 SUPPLEMENT TO OS/VS1 DEBUGGING GUIDE, (GC24-5093-4) SU ID
				5741-604
30	GC24-5155-0			OS/VS1 SUBSYSTEM ATTACHMENT SUPPORT SU ID 5741-606 SYSTEM
				CONTROL PROGRAMMING SPECIFICATIONS
30	GC24-5156-0			3895 OS/VS2 PROGRAMMING SUPPORT SPECIFICATIONS
30	GC24-5157-0			3895 OS/VS2 MVS PROGRAMMING SUPPORT SPECIFICATIONS, SUID
				5752-830
30	GC24-5158-0			3895 OS/VS1 PROGRAMMING SUPPORT SPECIFICATIONS, SUID 5741-604
34	GC24-5171-0			OS/VS1 3031, 3032, 3033 PROCESSOR SUPPORT, SUID 5741-620,
				SYSTEM INFORMATION
34	GC24-5172-0			SYSTEM CONTROL PROGRAMMING SPECIFICATIONS FOR OS/VS1 3031,
				3032, 3033 PROCESSOR SUPPORT, SUID 5741-620
30	GC24-5181-0			OS/VS2 MVS VECTOR PROCESSING SUBSYSTEM SYSTEM CONTROL PROGRAM
				SPECIFICATIONS
30	GC24-5182-0			OS/VS1 VECTOR PROCESSING SUBSYSTEM SPECIFICATIONS, SUID
				5741-606
34	GC24-5183-0			OS/VS1 RELEASE 6.7 GUIDE
20	GC24-5188-0			OS/VS1 RELEASE 6.7 SYSTEM CONTROL PROGRAM SPECIFICATIONS
				PROGRAM NUMBER 5741-VS1
30	GC24-5189-0			DOS/VSE VSAM-EXTENDED LICENSED PROGRAM DESIGN OBJECTIVES
30	GC24-5190-2			VSE/VSAM LICENSED PROGRAM SPECIFICATIONS
30	SC24-5191-0			VSE/VSAM, LIC PROG 5746-AM2, DOCUMENTATION SUBSET
30	SC24-5192-0	SN24-5679		USING THE VSE/VSAM SPACE MANAGEMENT FOR SAM FEATURE, LIC PROG
				5746-AM2
38	GC24-5193-1			OS/VS1 INFORMATION DISTRIBUTION WORKSTATION SUPPORT, LIC PROG
				5740-XYE, GENERAL INFORMATION
39	GC24-5195-0	GN24-5651		VIRTUAL MACHINE FACILITY/370: VM/INTERACTIVE FILE SHARING FOR
				CMS, LIC PROG 5748-XXC, GENERAL INFORMATION
39	SC24-5196-0	SN24-5650	**SN24-5687	VIRTUAL MACHINE FACILITY/370 VM/INTERACTIVE FILE SHARING, LIC
				PROG 5748-XXC, GUIDE AND REFERENCE
39	GC24-5197-0			VIRTUAL MACHINE FACILITY/370 DISPLAY MANAGEMENT SYSTEM FOR CMS,
				LIC PROG 5748-XXB, GENERAL INFORMATION
39	SC24-5198-0	SN24-5649		VIRTUAL MACHINE FACILITY/370 DISPLAY MANAGEMENT SYSTEM FOR CMS,
				LIC PROG 5748-XXB, GUIDE AND REFERENCE
39	GC24-5199-1			VIRTUAL MACHINE FACILITY/370 VM/INTERACTIVE FILE SHARING, LIC
				PROG 5748-XXC, SPECIFICATIONS
39	GC24-5200-1			DISPLAY MANAGEMENT SYSTEM FOR CMS, LIC PROG 5748-XXB,
				SPECIFICATIONS
34	GC24-5201-0			OS/VS1 RELEASE 7 GUIDE
20	GC24-5202-0			OS/VS1 RELEASE 7 SYSTEM CONTROL PROGRAM SPECIFICATIONS PROG
				5652-VS1
38	GC24-5203-0			OS/VS1 INFORMATION DISTRIBUTION WORKSTATION SUPPORT, LIC PROG
				5740-XYE, SPECIFICATIONS
30	GC24-5204-0			OS/VS2 (MVS) VECTOR PROCESSING SUBSYSTEM (VPSS) SYSTEM CONTROL
				PROGRAM SPECIFICATIONS
30	GC24-5205-0			OS/VS1 VECTOR PROCESSING SUBSYSTEM (VPSS) SYSTEM CONTROL
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30	GC24-5206-1			VIRTUAL MACHINE FACILITY/370: VM/PASS-THROUGH FACILITY, LIC
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30	GC24-5207-0			VIRTUAL MACHINE FACILITY/370: VM/PASS-THROUGH FACILITY, LIC
				PROG 5748-RC1, SPECIFICATIONS
30	** SC24-5208-0			VM/PASS-THROUGH REFERENCE GUIDE
30	GC24-5209-0	**GN33-9291		VSE SYSTEM DATA MANAGEMENT CONCEPTS, LIC PROG 5746-XE8 (CURRENT
				RELEASE)
30	SC24-5210-0	**SN33-9292		VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, MACRO USER'S GUIDE
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30	SC24-5211-0	**SN33-9293		VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, MACRO REFERENCE
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30	SC24-5213-0	**SN33-9295		RELEASE) VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, DASD LABELS (CURRENT RELEASE)
36	GC24-5215-0			OS/VS1 BASIC PROGRAMMING EXTENSIONS, LIC FROG 5662-257, PROGRAM SUMMARY
30	SC24-5216-0			USING VSE/VSAM BACKUP/RESTORE FEATURE, LIC PROG 5746-AM2
36	**GC24-5217-0			OS/VS1 BASIC PROGRAMMING EXTENSIONS LIC FROG 5662-257, SPECIFICATIONS (CURRENT RELEASE)
36	**GC24-5218-1			OS/VS1 BASIC PROGRAMMING EXTENSIONS LIC FROG 5662-257, GENERAL INFORMATION (CURRENT RELEASE)
39	**SC24-5219-0			VIRTUAL MACHINE/SYSTEM PRODUCT, LIC PROG 5664-167 EXEC 2 REFERENCE
39	**SC24-5220-0			VIRTUAL MACHINE/SYSTEM PRODUCTS, LIC PROG 5664-167 SYSTEM PRODUCT EDITOR USER'S GUIDE
39	**SC24-5221-0			VIRTUAL MACHINE/SYSTEM PRODUCT, LIC PROG 5664-167 SYSTEM PRODUCT EDITOR COMMAND AND MACRO REFERENCE
21	SC26-3740-1	SN33-8216		OS TSO ASSEMBLER PROMPTER USER'S GUIDE, PRG. NO. 5734-CF2
21	GC26-3758-3	GN33-8203	GN33-8220	OS ASSEMBLER H GENERAL INFORMATION MANUAL, PRG. #5734-AS1
21	SC26-3759-2	SN33-8219		OS ASSEMBLER H PROGRAMMER'S GUIDE, PRG. NO. 5734-AS1
21	SC26-3768-5			OS ASSEMBLER H SYSTEM INFORMATION, PRG. NO. 5734-AS1
21	SC26-3770-2	SN33-8202	SN33-8222	OS ASSEMBLER H MESSAGES, PRG. NO. 5734-AS1
21	GC26-3771-3	GN33-8204		OS ASSEMBLER H LANGUAGE, PRG. NO. 5734-AS1
34	GC26-3791-9	GN24-5644	GN24-5669	OS/VS1 SYSTEM GENERATION REFERENCE
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34	**GC26-3792-8	**GN26-0776		OS/VS2 SYSTEM GENERATION REFERENCE
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30	GC26-3795-3			OS/VS TAPE LABELS
31	GC26-3813-5	**GN26-0981		OS/VS LINKAGE EDITOR AND LOADER
30	GC26-3819-4	**GN26-0770	GN26-0924	OS/VS VIRTUAL STORAGE ACCESS METHOD (VSAM) OPTIONS FOR ADVANCED APPLICATIONS
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03	GC26-3829-5	**GN35-0169		INTRODUCING THE IBM 3800 PRINTING SUBSYSTEM AND ITS PROGRAMMING
30	GC26-3830-3	GN26-0942	GN26-0945	OS/VS2 SYSTEM PROGRAMMING LIBRARY: DATA MANAGEMENT
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30	GC26-3835-1			OS/VS VIRTUAL STORAGE ACCESS METHOD (VSAM) SYSTEM INFORMATION
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30	GC26-3838-3	**GN26-0906		OS/VS VIRTUAL STORAGE ACCESS METHOD (VSAM) PROGRAMMER'S GUIDE
30	GC26-3840-3			OS/VS1 ACCESS METHOD SERVICES
30	**GC26-3841-3			OS/VS2 ACCESS METHOD SERVICES
30	GC26-3842-2	GN26-0894		PLANNING FOR ENHANCED VSAM UNDER OS/VS
30	GC26-3845-0			OS/VS2 ENHANCED VSAM SYSTEM INFORMATION
30	GC26-3846-3	GN26-0964		3800 PRINTING SUBSYSTEM PROGRAMMER'S GUIDE
22	GC26-3847-4			APL LANGUAGE REFERENCE MANUAL
32	GC26-3855-2	GN26-0952		OS/VS AND DOS/VSE ANALYSIS PROGRAM-1 (AF-1) USER'S GUIDE (CURRENT RELEASE)
30	GC26-3856-0			OS/VS2 SVS INDEPENDENT COMPONENT: IBM 3350 & 3340/3344 REFERENCE
24	GC26-3857-1			IBM VS COBOL FOR OS/VS: OS/VS COBOL PRG PROD 5740-CE1, 5740-LM1
30	GC26-3858-0			OS/VS2 SVS INDEPENDENT COMPONENT: IBM 3800 PRINTING SUBSYSTEM SYSTEM INFORMATION, SCP 5742-017, FEATURES 5081, 5082, 5470, 5471
30	GC26-3859-1			IBM 3800 PRINTING SUBSYSTEM PROGRAMMER'S GUIDE FOR OS/VS2 SVS, SCP 5742-017 FEATURES 5081, 5082, 5470 AND 5471
30	GC26-3860-0			OS/VS2 MVS 3800 PRINTING SUBSYSTEM SELECTABLE UNIT SYSTEM INFORMATION, SUID 5752-810
30	GC26-3861-0			OS/VS2 MVS DATA MANAGEMENT SELECTABLE UNIT SYSTEM INFORMATION, SUID 5752-808
30	GC26-3864-1			OS/VS2 MVS CVOL PROCESSOR
30	GC26-3867-0			SVS ICR ACCESS METHOD SERVICES REFERENCE
30	GC26-3868-0			OS/VS2 SVS INDEPENDENT COMPONENT: VIRTUAL STORAGE ACCESS METHOD (VSAM) PROGRAMMER'S GUIDE
30	GC26-3869-0			OS/VS2 SVS INDEPENDENT COMPONENT: PLANNING FOR ENHANCED VSAM
30	GC26-3870-0			OS/VS2 SVS INDEPENDENT COMPONENT: VSAM OPTIONS FOR ADVANCED APPLICATIONS
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30	GC26-3873-0	GN26-0941	**GN26-0984	OS/VS2 MVS DATA MANAGEMENT MACRO INSTRUCTIONS
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30	GC26-3874-0	GN26-0974		OS/VS1 DATA MANAGEMENT SERVICES GUIDE
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30	**GC26-3875-1			OS/VS2 MVS DATA MANAGEMENT SERVICES GUIDE
36	GC26-3876-0	GN26-0922	GN26-0975	OS/VS1 CHECKPOINT/RESTART
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36	GC26-3877-0	GN26-0896	GN26-0923	OS/VS2 MVS CHECKPOINT/RESTART
30	GC26-3879-0			OS/VS2 MVS 3800 PRINTING SUBSYSTEM 12 LINES PER INCH SELECTABLE UNIT SYSTEM INFORMATION, SUID 5752 848
30	GC26-3880-0			OS/VS2 SVS INDEPENDENT COMPONENT: MASS STORAGE SYSTEM (MSS) REFERENCE
36	GC26-3886-1			OS/VS1 SUBSYSTEM ATTACHMENT SUPPORT - SUID 5741-606, CHECKPOINT/RESTART SUPPLEMENT
30	GC26-3887-0			OS/VS1 SUBSYSTEM ATTACHMENT SUPPORT - SUID 5741-606, DATA MANAGEMENT SUPPLEMENT
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32	GC26-3896-0			SUPPLEMENT FOR SU32 TO OS/VS UTILITIES MESSAGES: MVS SYSTEM SECURITY, 5752-832
30	** GC26-3900-0			DOS/VS IBM 3800 PRINTING SUBSYSTEM PROGRAMMER'S GUIDE

32	GC26-3901-0	GN26-0920	GN26-0979	OS/VS1 UTILITIES MANUAL
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30	GC26-3903-0			OS/VS2 MVS DATA MANAGEMENT SUPPORT SYSTEM INFORMATION - SUII 5752-860
30	GC26-3904-0			DOS/VS 3800 PRINTING SUBSYSTEM, SYSTEM CONTROL PROGRAMMING SPECIFICATIONS
30	GC26-3905-0			DOS/VS POWER/VS IBM 3800 PRINTING SUBSYSTEM INDEPENDENT COMPONENT RELEASE SYSTEM CONTROL PROGRAMMING SPECIFICATIONS
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30	GC26-3910-0			OS/VS2 SVS INDEPENDENT COMPONENT: SUPPORT FOR IBM 3350, 3340, AND 3344 DIRECT ACCESS STORAGE SYSTEM CONTROL PROGRAMMING SPECIFICATIONS
30	GC26-3911-0			OS/VS2 SVS INDEPENDENT COMPONENT: EXTENSIONS TO SUPPORT IBM 3850 MASS STORAGE SYSTEM AND ENHANCED VSAM
30	GC26-3912-0			OS/VS2 MVS DATA MANAGEMENT SUPPORT SELECTABLE UNIT 5752-860 SYSTEM CONTROL PROGRAMMING SPECIFICATIONS
30	GC26-3913-0			DOS/VSE IBM 3800 PRINTING SUBSYSTEM INDEPENDENT RELEASE SYSTEM CONTROL PROGRAMMING, LIC PROG 5747-CC1, SPECIFICATIONS
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32	GC26-3919-0	GN26-0927	GN26-0958	OS/VS MESSAGE LIBRARY: VS1 UTILITIES MESSAGES
32	GC26-3920-0	GN26-0953	**GN26-0977	OS/VS MESSAGE LIBRARY: VS2 MVS UTILITIES MESSAGES
30	GC26-3935-1			3800 PRINTING SUBSYSTEM ENHANCEMENTS SYSTEM INFORMATION
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32	**GC26-3948-1			DATA FACILITY/DATA SET SERVICES, LIC PROG 5740-UT3, SPECIFICATIONS
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30	GC26-3956-0			OS/VS2 MVS DATA FACILITY/DEVICE SUPPORT RELEASE 1, LIC PROG 5740-AM7, PROGRAM SUMMARY
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25	**GC26-3986-0	**GN26-0830		VS FORTRAN APPLICATION PROGRAMMING, LIC PROG 5748-FO3, -LM3, LANGUAGE REFERENCE
25	**SC26-3987-0	**SN26-0831		VS FORTRAN, LIC PROG 5748-FO3, -LM3, INSTALLATION AND CUSTOMIZATION
25	**SC26-3988-0	**SN26-0845	**SN26-0876	VS FORTRAN APPLICATION PROGRAMMING: SYSTEM SERVICES REFERENCE SUPPLEMENT, LIC PROG 5748-FO3, -LM3
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29	**GC26-3992-1			OS PL/I RESIDENT LIBRARY, LIC PROG 5734-IM4 AND -PI3 SPECIFICATIONS
29	**GC26-3993-1			OS PL/I TRANSIENT LIBRARY, LIC PROG 5734-LM5 AND -PL3,

29	**GC26-3994-1			SPECIFICATIONS DOS PL/I OPTIMIZING COMPILER, LIC PROG 5736-PI1 AND -PI3
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30	GC27-0022-1	GN27-1569		OS/VS1 VTAM (LEVEL 2) DEBUGGING GUIDE
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30	GC27-0025-1	GN27-1571	GN31-0754	DOS/VS VTAM NETWORK OPERATING PROCEDURES
30	GC27-0027-1	GN31-0660	GN31-0753	OS/VS VTAM (LEVEL 2) NETWORK OPERATING PROCEDURES
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50	**GC27-0429-4	**GN31-1299		NETWORK COMMUNICATIONS CONTROL FACILITY IIC PROG 5735-XX6 GENERAL INFORMATION
50	**SC27-0430-4			NETWORK COMMUNICATIONS CONTROL FACILITY, LIC PROG 5735-XX6, INSTALLATION (CURRENT RELEASE)
50	**SC27-0431-3			NETWORK COMMUNICATIONS CONTROL FACILITY, IIC PROG 5735-XX6, MESSAGES
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50	**SC27-0433-4			NETWORK COMMUNICATIONS CONTROL FACILITY IIC PROG 5735-XX6, CUSTOMIZATION
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50	GC27-0437-1			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY (ACF/VTAME) LIC PROG 5746-RC7, SPECIFICATIONS (CURRENT RELEASE)
50	**GC27-0438-2			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY (ACF/VTAME) LIC PROG 5746-RC7 GENERAL INFORMATION: INTRODUCTION (CURRENT RELEASE)
50	**SC27-0439-1			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY (ACF/VTAM), IIC PROG 5746-RC7, INSTALLATION (CURRENT RELEASE)
50	GC27-0440-1			SYSTEM CONTROL PROGRAMMING SPECIFICATIONS FOR ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY (ACF/VTAME), SCF 5746-RC3 (CURRENT RELEASE)
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50	SC27-0444-1	SN31-1084	**SN31-1232	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY LIC PROG 5746-RC7, MESSAGES & CODES (CURRENT RELEASE)
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50	**GC27-0460-1			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5746-RC3, SPECIFICATIONS (CURRENT RELEASE)
50	**GC27-0462-3			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5746-RC3, 5735-RC2, GENERAL INFORMATION: INTRODUCTION (CURRENT RELEASE)
50	**GC27-0463-2			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), IIC PROG 5746-RC3 (DOS/VS), 5735-RC2 (OS/VS), GENERAL INFORMATION: CONCEPTS (CURRENT RELEASE)
50	SC27-0464-0	SN31-0997		ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) IIC PROG 5746-RC3, INSTALLATION (CURRENT RELEASE)
50	SC27-0465-0			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5746-RC3, PREINSTALLATION PLANNING (CURRENT RELEASE)
50	**SC27-0466-2			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5746-RC3, 5735-RC2, OPERATIONS (CURRENT RELEASE)
50	SC27-0467-0			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5746-RC3, MESSAGES & CODES (CURRENT RELEASE)
50	SC27-0468-0	SN31-0998	SN31-1063	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) INSTALLATION, LIC PROG 5735-RC2
50	SC27-0469-0			ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM), LIC PROG 5735-RC2, RELEASE 2 PRE-INSTALLATION PLANNING
50	**SC27-0470-2			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), LIC PROG 5735-RC2, 5746-RC3, MESSAGES & CODES (CURRENT RELEASE)
50	**GC27-0500-3			VIRTUAL MACHINE/VTAM COMMUNICATIONS NETWORK APPLICATION LIC PROG 5735-RC5, PROGRAM SUMMARY

50	GC27-0501-2			VM/VTAM COMMUNICATION NETWORK APPLICATION, LIC PROG 5735-RC5 GENERAL INFORMATION
50	**SC27-0502-1			VIRTUAL MACHINE/VTAM COMMUNICATIONS NETWORK APPLICATION: INSTALLATION, OPERATION, AND TERMINAL USE
50	**GC27-0503-0			VIRTUAL MACHINE/VTAM COMMUNICATIONS NETWORK APPLICATION LICENSED PROGRAM SPECIFICATIONS
50	**SC27-0510-0	**SN31-1225		VIRTUAL MACHINE/VTAM COMMUNICATIONS NETWORK APPLICATION MESSAGES
50	**SC27-0584-0	**SN31-1252		ADVANCED COMMUNICATIONS FUNCTION FOR VTAM, LIC PROG 5746-RC3, 5746-RC2, PLANNING AND INSTALLATION REFERENCE RELEASE 3
35	GC27-6948-2	GN27-1460	GN33-7083	7074 OS EMULATOR ON SYSTEM/370 REFERENCE, PROG. NOS. 360C-EU-739, 741 (OS); 5744-AJ1, AK1 (VS1, VS2)
35	GC27-6952-2	GN33-7086		7080 OS EMULATOR ON MODELS 165/168: REFERENCE, PROG. NOS. 360C-EU-737 (MPT/MVT), 5744-AL1 (VS1/VS2)
50	SC27-6955-5			VIDEO/370 USERS GUIDE - PROGRAM PRODUCTS 5734-RC5, 5736-RC3
30	GC27-6957-3	GN27-1568 GN27-1583	GN27-1572 GN31-0705	DOS/VS VTAM SYSTEM PROGRAMMER'S GUIDE
50	SC27-6960-7	SN33-6261		VIDEO/370 SYSTEM INFORMATION MANUAL - PRG. NOS. 5736-RC3 AND 5734-RC5
50	GC27-6967-2			PROGRAM PRODUCT SPECIFICATIONS VIDEO/370 CS - PROGRAM NUMBER 5734-RC5
50	GC27-6969-2			PROGRAM PRODUCT SPECIFICATIONS VIDEO/370 DOS - PROGRAM NUMBER 5736-RC3
30	GC27-6971-0	GN27-1391 GN33-3055	GN27-1437	OS/VS GRAPHIC PROGRAMMING SERVICES (GPS) FOR IBM 2250 DISPLAY UNIT
30	GC27-6972-0	GN27-1392	GN33-3056	OS/VS GRAPHIC PROGRAMMING SERVICES (GPS) FOR IBM 2260 DISPLAY STATION (LOCAL ATTACHMENT)
30	GC27-6973-0	GN27-1393 GN33-3057	GN33-3053 GN33-3090	OS/VS GRAPHIC SUBROUTINE PACKAGE (GSP) FOR FORTRAN IV, COEOL, AND PL/I
30	GC27-6974-1	GN33-3058	GN33-3092	OS/VS PROBLEM DETERMINATION AIDS AND MESSAGES AND CODES FOR GPS AND GSP
30	GC27-6978-2			DOS VERSION 4 - BASIC TELECOMMUNICATIONS ACCESS METHOD MANUAL - PROGRAM NUMBER 370N-CQ-469
30	GC27-6980-3	GN27-1477 GN30-3061	GN27-1502 GN30-3097	OS/VS BTAM
35	GC27-6983-0	*GN30-3162 GN33-7088		7094 OS EMULATOR ON MODELS 165/168 REFERENCE, PROG 360C-EU-740 (MPT/MVT), 5744-AM1 (VS1/VS2)
30	GC27-6985-0			DOS/VS QTAM MPPS (MESSAGE PROCESSING PROGRAM SERVICES)
30	GC27-6986-0			DOS/VS QTAM MCP (MESSAGE CONTROL PROGRAM)
30	GC27-6987-6	GN31-0889		INTRODUCTION TO VTAM (VIRTUAL TELECOMMUNICATIONS ACCESS METHOD) (LEVEL 2)
30	GC27-6989-3	GN30-3099		DOS/VS BTAM
36	GC27-6992-0	GN25-0121	GN27-1553	OS/VS2 HASP II VERSION 4 OPERATOR'S GUIDE - PROG 370H-IX-001
36	GC27-6993-0	GN25-0120	GN27-1554	OS/VS2 HASP II V4 OPERATOR'S GUIDE, PROG 370H-IX-001
30	GC27-6994-2	GN27-1574 GN31-0658	GN27-1582	VTAM (LEVEL 2) MACRO LANGUAGE GUIDE
30	GC27-6995-5			VTAM (LEVEL 2) MACRO LANGUAGE REFERENCE
30	GC27-6996-1	GN27-1519 GN31-0706	GN27-1548	OS/VS1 VTAM SYSTEM PROGRAMMER'S GUIDE
30	GC27-6998-3	GN27-1545 GN31-0890	GN31-0606	VTAM (LEVEL 2) CONCEPTS AND PLANNING
30	GC27-6999-3	*GT73-0044		AN INTRODUCTION TO PROGRAMMING THE 3270
34	GC28-0600-2			OS/VS2 PLANNING AND USE GUIDE
34	GC28-0601-2			OS/VS2 RELEASE 1.7 GUIDE
20	GC28-0602-0			OS/VS MASTER INDEX
34	GC28-0607-2	GN25-0167	GN25-0171	INTRODUCTION TO JES3 RELEASE 3
36	GC28-0608-6			OS/VS2 MVS SYSTEM PROGRAMMING LIBRARY: JES3 SUID 5752-818
34	GC28-0610-0			OS/VS2 MVS JES3 R2 SELECTABLE UNIT SYSTEM INFORMATION, SUID 5752-812
36	GC28-0627-2	GN28-4681		OS/VS2 SYSTEM PROGRAMMING LIBRARY: JCB MANAGEMENT
	GD23-0120			
	GD23-0146			
	GD23-0176			
36	GC28-0628-3	GN28-4738	GN28-4740	OS/VS2 SYSTEM PROGRAMMING LIBRARY: SUPERVISOR
	SD23-0006			
	GD23-0177			
39	GC28-0629-3	*GN28-4761 GN28-2971	GN28-4740	OS/VS2 MVS SYSTEM PROGRAMMING LIBRARY: TSO
	**SD23-0209			
	**GD23-0227			
37	GC28-0636-1			OS/VS OLTEP MANUAL
39	GC28-0645-4	GN28-2953	GN28-4753	OS/VS2 TSO TERMINAL USER'S GUIDE
	SD23-0139			
	**SD23-0206			
39	GC28-0646-4	GN28-4699	GN28-4754	OS/VS2 TSO COMMAND LANGUAGE REFERENCE
	SD23-0064			
	**SD23-0207			
	**GD23-0228			
39	GC28-0648-3	GN28-2998 GN28-4749	GN28-4688	OS/VS2 TSO GUIDE TO WRITING A TERMINAL MCNITOR PROGRAM OR COMMAND PROCESSOR
	GD23-0065			
	**SD23-0208			
37	GC28-0663-2	GN31-0683		DOS/VS AND OS/VS TOLTEP FOR VTAM
37	GC28-0665-2	GN24-5667		OS/VS1 SERVICE AIDS
	SD23-0036			
37	GC28-0666-2	GN25-0305 GN25-0346	GN25-0332	OS/VS1 OLTEP
	GN25-0333			
37	GC28-0668-3			OS/VS1 SYS1.LOGREC ERROR RECORDING : REL 5; WITH GN25-0318, REL 6
	GD25-0603			
	GD25-0607			
37	**GC28-0673-6			OS/VS SYSTEM MODIFICATION PROGRAM (SMF) SYSTEM PROGRAMMERS GUIDE
37	GC28-0674-3	GN28-4686		OS/VS2 MVS SYSTEM PROGRAMMING LIBRARY: SERVICE AIDS
	GD23-0122			
	GD23-0178			

37	GD23-0217 GC28-0675-1	GN25-0331		OS/VS2 OLTEP
	GD23-0184	**GN28-4776		
37	GC28-0677-4	GN25-0334		OS/VS2 SYSTEM PROGRAMMING LIBRARY: SYS1.LOGREC ERROR RECORDING FOR MVS
	GD23-0201			
	GD25-0605			
	GD25-0608	GN28-4745		
34	GC28-0681-3	GN28-2976	GN28-4696	OS/VS2 MVS SYSTEM PROG LIBR INITIALIZATION AND TUNING GUIDE
	SD23-0003	GN28-4698	GN28-4696	
	GD23-0119			
	GD23-0223			
36	GC28-0683-2	GN28-2914		OS/VS2 MVS SUPERVISOR SERVICES & MACRC INSTRUCTIONS
	GD23-0114			
	**GD23-0229			
30	GC28-0688-2	GN31-0828		OS/VS2 MVS SYSTEM PROGRAMMING LIBRARY: VIAM (LEVEL 2)
34	GC28-0689-6	GN28-2931		OS/VS2 CONVERSION NOTEBOOK
36	GC28-0692-4	GN28-4684	GN28-4728	OS/VS2 MVS JCL
	GD23-0148			
	GD23-0179	**GN28-4913	GN28-4728	
39	GC28-0695-0			OS/VS2 TSO SUPPORT FOR VS BASIC: REL 1-6, 1.7
37	GC28-0703-3			OS/VS2 SYSTEM PROGRAMMING LIBRARY: JES3 DEBUGGING GUIDE GUIDE SUID 5752-826 RELEASE 3
34	GC28-0706-1	GN28-2903		OS/VS2 SYSTEM MANAGEMENT FACILITIES (SMF)
	SD23-0005	GN28-2996		
	GD23-0090			
	GD23-0097			
	GD23-0108			
	GD23-0121			
	SD23-0168			
34	GC28-0707-2	GN28-4695		OS/VS2 RELEASE 3.8 GUIDE, SCP 5752-VS2
37	**GC28-0708-1	**GN28-2967	**GN28-2984	OS/VS2 SYSTEM PROGRAMMING LIBRARY: DEBUGGING HANDBOOK, VOLUME 1
		**GN28-4692		
	**GD23-0116			
	**GD23-0150			
	**GD23-0170	**GN28-4730	**GN28-2984	
		**GN28-4692		
	**GD23-0180	**GN28-4796	**GN28-2984	
		**GN28-4692		
	**GD23-0221			
37	**GC28-0709-1	**GN28-2968	**GN28-4680	OS/VS2 SYSTEM PROGRAMMING LIBRARY: DEBUGGING HANDBOOK, VOLUME 2
		**GN28-4693		
	**SD23-0002	**GN28-4725	**GN28-4680	
		**GN28-4693		
	**SD23-0092	**GN28-4729	**GN28-4680	
	**GD23-0117	**GN28-4693		
	**SD23-0169	**GN28-4729	**GN28-4680	
	**SD23-0181	**GN28-4693	**GN28-4680	
		**GN28-4766	**GN28-4680	
		**GN28-4693		
37	**GC28-0710-0	**GN28-2983	**GN28-4694	OS/VS2 SYSTEM PROGRAMMING LIBRARY: DEBUGGING HANDBOOK, VOLUME 3
	**GD23-0118	**GN28-2972	**GN28-4694	
	**SD23-0140	**GN28-4726	**GN28-4694	
	**SD23-0182	**GN28-4767	**GN28-4694	
30	GC28-0722-5			OS/VS2 MVS RESOURCE ACCESS CONTROL FACILITY (RACF) - GENERAL INFORMATION MANUAL - PROG PROD 5740-XXH
37	GC28-0725-2	GN28-2993		OS/VS2 SYSTEM PROGRAMMING LIBRARY: MVS DIAGNOSTIC TECHNIQUES
	SD23-0062	GN28-2963		
	GD23-0141			
	SD23-0183			
30	GC28-0729-4			OS/VS2 MVS RESOURCE ACCESS CONTROL FACILITY (RACF) VERSION 1 RELEASE 2 LIC PROG 5740-XXH, DESIGN OBJECTIVES
30	**GC28-0732-4			OS/VS2 MVS RESOURCE ACCESS CONTROL FACILITY (RACF), PROG PROD 5740-XXH SPECIFICATIONS
30	SC28-0733-2	SN28-4736		VS2 MVS RACF COMMAND LANGUAGE REFERENCE, PROG PROD 5740-XXH
30	**SC28-0734-3			OS/VS2 MVS RACF INSTALLATION REFERENCE MANUAL, PROG PROD 5740-XXH
34	GC28-0736-0			OS/VS2 MVS RESOURCE MEASUREMENT FACILITY (RMF) GENERAL INFORMATION, PROG PROD 5740-XXM
34	SC28-0740-0	SN28-2770		OS/VS2 MVS RESOURCE MEASUREMENT FACILITY (RMF) REFERENCE AND USER'S GUIDE, PROG PROD 5740-XXM
39	GC28-0746-0			OS/VS2 MVS TSO COMMAND PACKAGE PROG PRCD 5740-XT6 SPECIFICATIONS
37	GC28-0772-3			OS/VS ENVIRONMENTAL RECORDING EDITING AND PRINTING (EREP) PROGRAM, SUID 5741-601, 5752-827, ICR 5742 (CURRENT RELEASE)
34	GC28-0813-0			OS/VS2 MVS SCHEDULER/IOS SUPPORT SELECTABLE UNIT SYSTEM INFORMATION, 5752-816
34	GC28-0872-4	GN28-2995	GN28-4685	OS/VS2 MVS/SYSTEM EXTENSIONS GENERAL INFORMATION, PROG PROD 5740-XE1
34	GC28-0886-1	GN28-4755		OS/VS2 MVS PERFORMANCE NOTEBOOK
39	GC28-0911-0	GN28-2927		OS/VS2 MVS TSO 3270 EXTENDED DISPLAY SUPPORT - SESSION MANAGER, LIC PROG 5740-XE2, GENERAL INFORMATION
39	SC28-0912-0	SN28-2928		OS/VS2 MVS TSO 3270 EXTENDED DISPLAY SUPPORT - SESSION MANAGER, LIC PROG 5740-XE2, REFERENCE AND USERS GUIDE
39	GC28-0914-2			OS/VS2 MVS TSO 3270 EXTENDED DISPLAY SUPPORT - SESSION MANAGER, LIC PROG 5740-XE2, SPECIFICATIONS
34	**GC28-0920-5			OS/VS2 MVS RESOURCE MANAGEMENT FACILITY (RMF) (CURRENT VERSION), LIC PROG 5740-XY4, SPECIFICATIONS
34	GC28-0921-2			OS/VS2 MVS RESOURCE MEASUREMENT FACILITY (RMF) GENERAL INFORMATION
34	SC28-0922-3	**SN28-4785		OS/VS2 MVS RESOURCE MEASUREMENT FACILITY (RMF) VERSION 2, LIC PROG 5740-XY4 REFERENCE & USER'S GUIDE (CURRENT RELEASE)
34	**SD23-0225			IBM OS/VS2 MVS/SYSTEM EXTENSIONS (MVS/SE): LIC PROG 5740-XE1 SPECIFICATIONS
34	GC28-0940-1			OS/VS1 & OS/VS2 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY, LIC PRGD 5740-XY5, GENERAL INFORMATION
30	GC28-0942-2			

34	GC28-0948-0			MVS PROCESSOR SUPPORT SPECIFICATIONS
30	GC28-0949-1			OS/VS1 & OS/VS2 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY, LIC FROG 5740-XY5, DESIGN OBJECTIVES
37	GC28-0952-1	GN28-4687		OS/VS2 MVS MULTIPROCESSING: AN INTRODUCTION AND GUIDE TO WRITING OPERATING AND RECOVERY PROCEDURES
34	GC28-0953-1			VS1 TO MVS CONVERSION NOTEBOOK
34	GC28-0954-0			OS/VS2 SVS PROCESSOR SUPPORT REFERENCE INFORMATION
30	SC28-0956-0			OS/VS1 & OS/VS2 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY, LIC PROG 5740-XY5, INSTALLATION REFERENCE MANUAL
30	GC28-0957-1			OS/VS1 & OS/VS2 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY, LIC PROG 5740-XY5, SPECIFICATIONS
34	GC28-0967-0	GN28-2900		MVS PROCESSOR SUPPORT SELECTABLE UNIT SYSTEM INFORMATION, SUID 5752-851
20	GC28-0984-1			OS/VS2 MVS OVERVIEW
34	GC28-0985-0			VS2 SVS PROCESSOR SUPPORT ICR
34	GC28-0990-0	GN28-2989		OS/VS2 MVS PROCESSOR SUPPCRT 2 SELECTABLE UNIT SYSTEM INFORMATION
20	GC28-0991-0			VS2 MVS SU64 SCP SPECIFICATIONS
37	GC28-1001-1			OS/VS1 (VS1 AND MVS) EREF1 RELEASE 1.1 SPECIFICATIONS
20	GC28-1012-0			OS/VS2 MVS RELEASE 3.8 SYSTEM CONTROL PROGRAMMING SPECIFICATIONS
34	GC28-1013-0			MVS/SE PROGRAM SUMMARY, LIC PROG 5740-XE1
30	**GC28-1014-0			OS/VS1 & OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT, LIC PROG 5740-XY6, SPECIFICATIONS
30	GC28-1015-2			OS/VS1 AND OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT, LIC PROG 5740-XY6, GENERAL INFORMATION
30	**SC28-1016-0			OS/VS1 AND OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT LIC PROG 5740-XY6, INSTALLATION REFERENCE
34	GC28-1024-0			OS/VS2 MVS SYSTEM EXTENSIONS RELEASE 2, LIC PROG 5740-XE1, SPECIFICATIONS
20	**GC28-1025-3			VS2 MVS/SP GENERAL INFORMATION
30	**GC28-1027-0			OS/VS2 MVS AND STAND-ALONE VERSIONS: INPUT/OUTPUT CONFIGURATION PROGRAM, LIC PROG 5740-XYN, -XYS, USER'S GUIDE AND REFERENCE PROG
34	** GC28-1029-1	**GN28-4764	**GN28-4902	OS/VS2 MVS SYSTEM PROGRAM LIBRARY, LIC PROG 5740-XYS, -XYN INITIALIZATION AND TUNING GUIDE (CURRENT RELEASE)
	**GD23-0218			
	**GD23-0224			
34	**GC28-1030-2			OS/VS2 MVS SYSTEM PROGRAM LIBRARY, LIC PROG 5740-XYS, -XYN SYSTEM MANAGEMENT FACILITIES (SMF)
	**GD23-0234			
	**GD23-0235			
	**GD23-0239			
40	** GC28-1031-1	**GN28-4765	**GN28-4799	OPERATOR'S LIBRARY, OS/VS2 MVS SYSTEM COMMANDS, LIC PROG 5740-XYN, -XYS (CURRENT RELEASE)
	**GD23-0220			
20	**GC28-1042-2			OS/VS2 MVS/SYSTEM PRODUCT-JES3, LIC PRG 5740-XYS (CURRENT RELEASE), SPECIFICATIONS
20	**GC28-1043-2			OS/VS2 MVS/SYSTEM PRODUCT-JES2, LIC PRG 5740-XYN (CURRENT RELEASE), SPECIFICATIONS
36	**GC28-1046-0			OS/VS2 SYSTEM PROGRAM LIBRARY: SUPERVISOR, LIC PROG 5740-XYN, -XYS
37	**GC28-1047-0			OS/VS2 SYSTEM PROGRAMMING LIBRARY: DEBUGGING HANDBOOK VOLUME 1, MVS/SYSTEM PRODUCTS, LIC PROG 5740-XYN, -XYS
	**GD23-0236			
37	**GC28-1048-0	**GN28-4914		OS/VS2 SYSTEM PROGRAMMING LIBRARY DEBUGGING HANDBOOK VOLUME 2 SUPPORT: OS/VS2 MVS/SYSTEM PRODUCT, LIC FROG 5740-XYN, -XYS
37	**GC28-1049-0	**GN28-4915		OS/VS2 SYSTEM PROGRAMMING LIBRARY DEBUGGING HANDBOOK VOLUME 3, SUPPORT: OS/VS2 MVS/SYSTEM PRODUCT, LIC FROG 5740-XYN, -XYS (CURRENT RELEASE)
21	GC28-2000-5			IBM TIME SHARING SYSTEM ASSEMBLER LANGUAGE
36	GC28-2001-9			IBM TIME SHARING SYSTEM COMMAND SYSTEM USER'S GUIDE
20	GC28-2003-6			IBM TIME SHARING SYSTEM CONCEPTS AND FACILITIES
21	GC28-2004-6	GN20-3941	GN20-7000	IBM TIME SHARING SYSTEM ASSEMBLER USER MACRO INSTRUCTIONS
31	GC28-2005-4	GN28-3206		IBM TIME SHARING SYSTEM LINKAGE EDITOR
37	GC28-2006-1			TIME SHARING SYSTEM, TIME SHARING SUPPCRT SYSTEM
25	GC28-2007-4			IBM TIME SHARING SYSTEM FORTRAN IV LANGUAGE
36	GC28-2008-5	GN20-4106		IBM TIME SHARING SYSTEM SYSTEM PROGRAMMER'S GUIDE
34	GC28-2010-7	GN20-3809		TIME SHARING SYSTEM, SYSTEM GENERATION & MAINTENANCE
40	GC28-2017-5			IBM TIME SHARING SYSTEM TERMINAL USER'S GUIDE
36	GC28-2024-4			IBM TIME SHARING SYSTEM MANAGER'S AND ADMINISTRATOR'S GUIDE
25	GC28-2025-5			IBM TIME SHARING SYSTEM FORTRAN IV PROGRAMMER'S GUIDE!
25	GC28-2026-4			IBM TIME SHARING SYSTEM FORTRAN IV LIBRARY SUBPROGRAMS
37	GC28-2028-0	GN28-3198	GN28-3211	IBM TIME SHARING SYSTEM TEST AND MAINTENANCE USER'S GUIDE
21	GC28-2032-6			IBM TIME SHARING SYSTEM ASSEMBLER PROGRAMMER'S GUIDE
40	GC28-2033-8	GN28-3207		IBM TIME SHARING SYSTEM OPERATOR'S GUIDE
34	GC28-2034-1	GN28-3184		IBM TIME SHARING SYSTEM MULTITERMINAL TASK PROGRAMMING & OPERATION
32	GC28-2038-5			IBM TIME SHARING SYSTEM INDEPENDENT UTILITIES
29	GC28-2045-1	GN28-3171	GN28-3185	IBM TIME SHARING SYSTEM PL/I LANGUAGE REFERENCE MANUAL
29	GC28-2046-1			IBM TIME SHARING SYSTEM PL/I LIBRARY COMPUTATIONAL SUBROUTINES
20	GC28-2048-4			TIME SHARING SYSTEM, A PRIMER FOR FORTRAN IV USERS, PROG NO 360G-CL-627
29	GC28-2049-1	GN28-3208		IBM TIME SHARING SYSTEM PL/I PROGRAMMER'S GUIDE
30	GC28-2056-2			IBM TIME SHARING SYSTEM DATA MANAGEMENT FACILITIES
38	GC28-2057-1			IBM TIME SHARING SYSTEM REMOTE JOB ENTRY
24	GC28-6394-6	GN26-0887	GN26-0893	DOS FULL ANS COBOL PROG NOS 360N-CB-482 (V2), 5736-CB2, -LM2 (V3), 5746-CB1, -LM4, REFERENCE (CURRENT RELEASE)
		GN26-0928	GN26-0961	
		GN26-0968		
24	GC28-6396-5	GN26-0808	GN26-0886	OS FULL ANS COBOL PROG NOS 360S-CB-545 (V2), 5734-CB1 (V3), 5734-CB2, -LM2 (V4), 5740-CB1, LM1 (OS/VS) PROGRAMMER'S REFERENCE MANUAL
		GN26-0907		
24	GC28-6402-4			DOS SUBSET ANS COBOL COMPILER & LIBRARY, GENERAL INFORMATION PROG PROD 5736-CB1
24	GC28-6403-1	GN26-0789	GN28-1050	DOS SUBSET ANS COBOL REFERENCE MANUAL, PROG PROD 5736-CB1
24	GC28-6407-2			IBM OS FULL AMERICAN NATIONAL STANDARD CCBCI COMPILER AND LIBRARY, VERSION 3: GENERAL INFORMATION, PROG. NO. 5734-CB1
24	GC28-6421-4			DOS FULL ANS COMPILER AND LIBRARY V3, GENERAL INFORMATION, PROG PROD 5736-CB2, -LM2

24	GC28-6431-2			OS FULL AMERICAN NATIONAL STANCRD COBCL COMPILER AND LIBRARY, VERSION 4, PLANNING GUIDE - PROGRAM NOS. 5734-CB2, -IM2
24	SC28-6432-1			OS FULL ANS COBOL COMPILER & LIBRARY VERSION 3 INSTALLATION REFERENCE MANUAL, PROG. PROD. 5734-CB1
24	SC28-6433-2	SN20-9169		OS (TSO) COBOL PROMPTER TERMINAL USERS GUIIE AND REFERENCE INFORMATION, PROG PROD 5734-CF1
24	SC28-6434-1	SN20-9168		OS (TSO) COBOL PROMPTER INSTALLIATION REFERENCE MATERIAL, PROG PROD 5734-CF1
24	GC28-6435-1			OS (TSO) COBOL PROMPTER SPECIFICATIONS, PROG FROD 5734-CF1
24	SC28-6437-2	SN20-9193		OS FULL ANS COBOL COMPILER AND LIBRARY VERS 3, PROGRAMMER'S GUIDE, PROG PROD 5734-CB1
24	SC28-6438-0	SN28-0470	SN28-1037	DOS SUBSET ANS COMPILER AND LIBRARY INSTALLATION REFERENCE MATERIAL, PROG PROD 5736-SC1
24	SC28-6439-0	SN26-0790 SN28-0483 SN28-1028 SN20-9174	SN28-0472 SN28-1017 SN28-1049	DOS SUBSET ANS COBOL COMPILER & IIBRARY PROGRAMMER'S GUIDE, PROG PROD 5736-CB1
24	SC28-6441-4			DOS FULL ANS COBOL COMPILER & LIBRARY VERSION 3 PROGRAMMER'S GUIDE, PROG. PRODUCTS 5736-CB2, 5736-LM2
24	SC28-6442-1	SN20-9128 SN28-1067	SN20-9173	IBM DOS FULL AMERICAN NATIONAL STANDARE COBOL COMPILER AND LIBRARY, VERSION 3 INSTALLATION REFERENCE MATERIAL PROG. NOS. 5736-CB2, 5736-LM2
24	GC28-6443-4			DOS FULL ANS COMPILER VERS 3 REL 3, PRCG PROD 5736-CE2, SPECIFICATIONS
24	GC28-6444-3			DOS FULL ANS COBOL OBJECT TIME SUBROUTINE LIBRARY, VERS 3, FRCG PROD 5736-LM2, SPECIFICATIONS
24	GC28-6454-3			IBM OS COBOL INTERACTIVE DEBUG AND (TSC) COBOL PROMPTER GENERAL INFORMATION MANUAL - PROGRAM PRODUCTS 5734-CB4, 5734-CF1
24	SC28-6456-4			IBM OS FULL AMERICAN NATIONAL STANDARD COBCL COMPILER AND LIBRARY VERSION 4, PROGRAMMERS GUIDE - PROGRAM PRODUCTS 5734-CB2 AND 5734-LM2
24	SC28-6458-2			IBM OS FULL AMERICAN NATIONAL STANDARD COBCL COMPILER AND LIBRARY, VERSION 4, INSTALLATION REFERENCE MATERIAL, FROG. NOS. 5734-CB2, LM2
24	GC28-6464-2			OS FULL ANS COBOL COMPILER & LIBRARY VERS 4, PROG PROD 5736-CB2, -LM2, SPECIFICATIONS
24	SC28-6465-2	SN20-9176	SN20-9279	IBM OS COBOL INTERACTIVE DEBUG TERMINAL USER'S GUIDE AND REFERENCE - PROGRAM NUMBER 5734-CB4
24	SC28-6468-3			IBM OS COBOL INTERACTIVE DEBUG: INSTALLATION REFERENCE MATERIAL - PROGRAM NUMBER 5734-CB4
24	SC28-6469-3	SN26-0904		VM/370 CMS USERS GUIDE FOR COBCL, PROG NCS 5734-CB2, LM2 (OS VERSION 4), 5740-CB1, LM-1 (OS/VVS), 5746-CB1, LM4 (DOS/VVS) (CURRENT RELEASE)
24	GC28-6470-1			OS/VVS COBOL COMPILER AND LIBRARY, GENERAL INFORMATION, FROG PROD 5740-CB1, 5740-LM1
24	GC28-6472-1			OS/VVS COBOL COMPILER AND LIBRARY, SPECIFICATIGNS - PROG PROD 5740-CB1, -LM1
24	* GC28-6473-4			DOS/VVS COBOL COMPILER AND LIBRARY, GENERAL INFORMATION, LIC PROG 5746-CB1, -LM4
24	SC28-6478-3	SN20-9310	SN20-9322	DOS/VVS COBOL COMPILER AND LIBRARY, LIC FROG 5746-CB1, - LM4, PROGRAMMER'S GUIDE (CURRENT RELEASE)
24	SC28-6479-2	SN20-9181 SN20-9293 SN20-9270	SN20-9233	DOS/VVS COBOL COMPILER AND LIBRARY, LIC PROG 5746-CB1, -LM4 INSTALLATION (CURRENT RELEASE)
24	SC28-6481-1			OS/VVS COBOL COMPILER AND LIBRARY INSTALLATION REFERENCE MATERIAL - PROG PROD 5740-CB1, -IM1
24	SC28-6483-1	SN26-0903	SN26-0947	OS/VVS COBOL COMPILER AND LIBRARY PROGRAMMER'S GUIDE, PROG PROD 5740-CB1, -LM1
24	GC28-6485-1			OS COBOL INTERACTIVE DEBUG, PROG NC 5734-CE4, SPECIFICATIONS
28	SC28-6486-0			IBM DOS RPG II COMPILER & AUTO REPCRT FEATURE INSTALLATION REFERENCE MATERIAL - PROGRAM NUMBER 5736-RG1
24	GC28-6487-2			DOS/VVS COBOL COMPILER AND LIBRARY, LIC PRCG 5746-CB1, -LM4 SPECIFICATIONS (CURRENT RELEASE)
25	GC28-6515-10	GN26-0805 **GN26-0987	GN26-0891 **GN26-0999	IBM SYSTEM/360 AND SYSTEM/370 FORTRAN IV LANGUAGE - PROG PROD 5748-PO2
30	SC28-6689-1			USER'S GUIDE FOR THE IBM 2947 MODEL 4 CHECK COLLECTION CONTROLLER ASSEMBLY FACILITIES, PROGRAMMING - PRPQ P88003 PROGRAM NUMBER 5799-AAH
32	GC28-6758-0			IBM SYSTEM/360 OPERATING SYSTEM DATA SET UTILITIES SUPPORT FOR ASC II (PPDO) PROG. NO. 5734-UT2 PROGRAM PRODUCT DESIGN OBJECTIVES
32	GC28-6759-2			OS/MFT, OS/MVT, AND OS/VVS DATA SET UTILITIES SUPPORT FOR ASCII - PPS - PROG. NO. 5734-UT2
32	SC28-6760-1			OS/MFT, OS/MVT, AND OS/VVS DATA SET UTILITIES SUPPORT FOR ASCII: USER'S GUIDE, PROG. NO. 5734-UT2
39	GC28-6762-4	GN30-3075		OS/MVT AND OS/VVS2 TSO TERMINALS MANUAL
32	SC28-6765-4			OS/MVT AND OS/VVS2 TSO DATA UTILITIES: COPY, FORMAT, LIST & MERGE: USER'S GUIDE AND REFERENCE, PROG. NO. 5734-UT1
32	SC28-6767-2			OS/MVT AND OS/VVS2 TSO DATA UTILITIES: CCFY, FORMAT, LIST, MERGE SYSTEM INFORMATION
85	GC28-6794-0			GUIDE TO PL/S II
85	SC28-6808-1			A PL/I PRIMER: STUDENT TEXT
29	GC28-6825-3			SYSTEM/360 OS/DOS AND OS (ISO) ITF: PL/I AND BASIC PROG FROD 5734-RC1, -RC2, -RC3, -RC4, 5736-RC1, -RC2, GENERAL INFORMATION 5736-RC1, -RC2
29	SC28-6833-1			IBM SYSTEM/360 OS/DOS ITF: PL/I INTRODUCTION PROGRAM NUMEERS 5734-RC1, 5736-RC1
29	SC28-6834-2			IBM SYSTEM/360 OS/DOS ITF: PL/I TERMINAL USER'S GUIDE PROGRAM NUMBERS 5734-RC1, 5736-RC1
23	SC28-6835-2			IBM SYSTEM/360 OS/DOS ITF: BASIC TERMINAL USER'S GUIDE PROGRAM NUMBERS 5736-RC2, 5734-RC3
34	SC28-6836-2			IBM SYSTEM/360 OS/DOS ITF INSTALLATION REFERENCE MATERIAL PROGRAM NUMBERS 5734-RC1, 3; 5736-RC1, 2
39	SC28-6838-0			IBM SYSTEM/360 OPERATING SYSTEM (TIME SHARING OPTION) INTERACTIVE TERMINAL FACILITY: PL/I INTRODUCTION PROGRAM NUMBER 5734-RC2
39	SC28-6839-0	SN28-1034		IBM SYSTEM/360 OPERATING SYSTEM (TIME SHARING OPTION)

				INTERACTIVE TERMINAL FACILITY: PL/1 TERMINAL USER'S GUIDE PROGRAM NUMBER 5734-RC2
39	SC28-6840-0	SN28-1035		IBM SYSTEM/360 OPERATING SYSTEM (TIME SHARING OPTION) INTERACTIVE TERMINAL FACILITY: BASIC TERMINAL USER'S GUIDE PROGRAM NUMBER 5734-RC4
39	SC28-6841-1			IBM SYSTEM/360 OPERATING SYSTEM (TIME SHARING OPTION) INTERACTIVE TERMINAL FACILITY INSTALLATION REFERENCE MANUAL PROGRAM NUMBERS 5734-RC2, 5734-RC4
25	SC28-6842-1	SN28-0622		SYSTEM/360 OS (TSO CODE AND GO FORTRAN PROCESSOR TERMINAL USER'S GUIDE, PROG PROD 5734-FO1, -LM1
25	SC28-6852-2	SN20-9202		OS FORTRAN IV (H EXTENDED) COMPILER PROGRAMMER'S GUIDE, PROG PROD 5734-FO3, -LM3
25	SC28-6853-1			IBM OS CODE AND GO FORTRAN AND FORTRAN IV (G1) PROGRAMMER'S GUIDE, PROG. NOS. 5734-FO1, 2, -LM1
25	GC28-6854-2			FORTRAN IV (G1) PROCESSOR FOR OS & VM/370 (CMS): PROG. PROD. 5734-FO2 SPECIFICATIONS
25	SC28-6855-2			OS (TSO) TERMINAL USER'S SUPPLEMENT FOR FORTRAN IV (G1) PROCESSOR AND TSO FORTRAN PROMPTER, 5734-FO2, -CP3, -LM1
25	SC28-6856-1			FORTRAN IV (G1) PROCESSOR AND TSO FORTRAN PROMPTER FOR OS AND VM/370 (CMS): INSTALLATION REFERENCE MATERIAL, PROG. NOS. 5734-FO2, 5734-CP3
25	SC28-6858-1			FORTRAN IV LIBRARY (MOD I) FOR OS & VM/370 (CMS): INSTALLATION REFERENCE MATERIAL, PROGRAM NUMBER 5734-LM1
25	SC28-6859-1			CODE AND GO FORTRAN PROCESSOR FOR OS & VM/370 (CMS): INSTALLATION REFERENCE MATERIAL, PROG. NO. 5734-FO1
25	SC28-6861-2	SN20-9191		FORTRAN IV (H EXTENDED) COMPILER AND FORTRAN LIBRARY (MOD II) FOR OS & VM/370 (CMS): INSTALLATION REFERENCE MATERIAL, PRG. NOS. 5734-FO3, 5734-LM3
25	GC28-6862-2			IBM SYSTEM/360 OPERATING SYSTEM: FORTRAN IV (H EXTENDED) COMPILER PROGRAM PRODUCT SPECIFICATIONS PROGRAM NUMBER 5734-FO3
25	GC28-6863-2			OS FORTRAN IV LIBRARY (MOD II) - PPS - PROG. NO. 5734-LM3
25	SC28-6864-0			FORTRAN IV MATHEMATICAL AND SERVICE SUBPROGRAMS: SUPPLEMENT FOR MOD I & MOD II LIBRARIES, PROG. NOS. 5734-LM1, 5734-LM3
25	SC28-6865-1	SN20-9192		IBM OS FORTRAN IV (H EXTENDED) COMPILER AND LIBRARY (MOD II) MESSAGES, PROG. NOS. 5734-FO3, 5734-LM3
25	SC28-6868-0			SYSTEM/360 OS FORTRAN IV (H EXTENDED PLUS) COMPILER AND LIBRARY PRPQ USER SUPPLEMENT, PROG 5799-AAW
38	GC28-6878-4	GN24-5583		OS/VS1 RES SYSTEM PROGRAMMER'S GUIDE
38	GD25-0020			
38	GC28-6879-3	GN24-5562	GN24-5581	OS/VS1 RES WORKSTATION USER'S GUIDE
25	GD25-0019			
25	GC28-6882-3			DOS FORTRAN IV LIBRARY OPTION 1, LIC FROG 5746-LM3 SPECIFICATIONS
25	SC28-6883-2			DOS FORTRAN IV LIBRARY OPTION 1 PROGRAMMER'S GUIDE SUPPLEMENT, PROG PROD 5746-LM3
25	GC28-6884-1			IBM FORTRAN PROGRAM PRODUCTS FOR OS AND THE CMS COMPONENT OF VM/370: GENERAL INFORMATION, PROG PRCD 5734-FO1, 2, 3, 5 -LM1, 3, -CP3
25	SC28-6885-2	SN20-9301		FORTRAN INTERACTIVE DEBUG FOR OS (TSO) & VM/370 (CMS): TERMINAL USER'S GUIDE, PROG. NO. 5734-FO5
25	SC28-6886-1			FORTRAN INTERACTIVE DEBUG FOR OS (TSO) & VM/370 (CMS): INSTALLATION REFERENCE MATERIAL, PROG. NO. 5734-FO5
25	GC28-6888-1			FORTRAN INTERACTIVE DEBUG FOR OS (TSO) AND VM/370 (CMS) PROGRAM PRODUCT SPECIFICATIONS
25	SC28-6891-1	SN20-9201	SN20-9225	IBM VM/370 (CMS) TERMINAL USER'S GUIDE FOR FORTRAN IV PROGRAM PRODUCTS 5734-FO1, -FO2, -FO3, -LM1, & -LM3
25	GC28-6893-0			CODE AND GO FORTRAN FOR OS AND VM/370 LIC PROG 5734-FO1 FUNCTIONAL DESCRIPTION
25	GC28-6894-0			FORTRAN IV LIBRARY (MOD I) FOR OS & VM/370 (CMS), PROG. PROD. 5734-LM1 FUNCTIONAL DESCRIPTION
39	GC28-6895-0			OS (TSO) INTERACTIVE TERMINAL FACILITY: FL/I AND BASIC, FUNCTIONAL DESCRIPTION - PROG NOS. 5734-RC2; 5734-RC4
29	GC28-6897-0			OS INTERACTIVE TERMINAL FACILITY: PL/I AND BASIC - PROG. NOS. 5734-RC1, 5734-RC3, - FUNCTIONAL DESCRIPTION
85	SC28-8300-0			B IS FOR BASIC: AN INTRODUCTION TO VS BASIC UNDER TSO PROG. NO. 5748-XX1
23	GC28-8302-5	GN26-0902		IBM SYSTEM/370 VS BASIC GENERAL INFORMATION - PROGRAM NUMBER 5748-XX1
23	GC28-8303-2			SYSTEM/370 VS BASIC LANGUAGE
23	SC28-8304-2			SYSTEM/370 VS BASIC TSO TERMINAL USER'S GUIDE PROGRAM NUMBER 5748-XX1
23	SC28-8306-1			SYSTEM/370 VS BASIC CMS TERMINAL USER'S GUIDE PROG. NO. 5748-XX1
23	SC28-8308-1			VS BASIC OS/VS & DOS/VS PROGRAMMER GUIDE, PROG PROD 5748-XX1
23	SC28-8309-3			SYSTEM/370 VS BASIC INSTALLATION REFERENCE MATERIAL PROGRAM NUMBER 5748-XX1
85	SC28-8310-0			B IS FOR BASIC AN INTRODUCTION TO VS BASIC UNDER CMS PROG. NO. 5748-XX1
23	GC28-8311-3			VS BASIC, PROG PROD 5748-XX1, SPECIFICATIONS
50	GC28-8313-0			VIDEO/370 INCLUDING THE CICS FEATURE GENERAL INFORMATION PROGRAM NUMBERS 5734-RC5 AND 5736-RC3
37	GC29-8300-1			IBM VIRTUAL MACHINE FACILITY/370: ENVIRONMENTAL RECORDING EDITING AND PRINTING (EREP) PROGRAM
30	GC30-1011-0			OS/VS2 MVS TCAM9 LIC PROG 5752-VS2, SYSTEM INFORMATION
38	GC30-2012-2			OS/MFT, OS/MVT, AND OS/VS1: CRJE CONCEPTS AND FACILITIES
38	GC30-2014-2			OS/MFT, OS/MVT, AND OS/VS1: CRJE TERMINAL USER'S GUIDE
38	GC30-2016-2			OS/MFT, OS/MVT, AND OS/VS1: CRJE SYSTEM PROGRAMMER'S GUIDE
30	GC30-2025-4			OS TCAM (LEVELS 4 & 5) USER'S GUIDE: VS2 REL 1.6, 1.7 OS REL 21.8
30	GC30-2034-3			OS/VS TCAM (LEVEL 4) PROGRAMMER'S GUIDE
30	GC30-2037-1			OS/VS TEAM (LEVELS 4 & 5), SCP 5742; 5744-AW1, -AW2: VS2 RELEASE 1.6, 1.7, 2; VS1 RELEASE 4
30	GC30-2038-1			OS/VS TCAM LEVEL 5 COMPONENT RELEASE GUIDE, SCP 5742, 5744-AW2
30	GC30-2041-3			OS/VS2 TCAM (LEVELS 8 & 9) PROGRAMMER'S GUIDE

30	GC30-2042-0	GN30-2593		OS TCAM (LEVELS 8 & 9) CONCEPTS AND FACILITIES
30	GC30-2044-1			OS/VIS TCAM LEVELS 5 & 6 PROGRAMMER'S GUIDE: VS2 REL 1.6, 1.7
30	GC30-2045-1	GN30-2598		OS/VIS TCAM (LEVELS 8 & 9) USER'S GUIDE
30	GC30-2046-0	GN30-2594		OPERATOR'S LIBRARY: OS/VIS2 TCAM (LEVELS 8 & 9)
30	GC30-2047-0	GN30-3032		OPERATOR'S LIBRARY: OS/VIS1 TCAM (LEVELS 8 & 9)
30	GC30-2049-0	GN30-3073		OS/VIS TCAM (W/NCP/VIS FOR SNA) CONCEPTS & APPLICATIONS
50	GC30-2050-0			ADVANCED COMMUNICATIONS FOR TCAM, LIC PRG 5735-RC1, GENERAL INFORMATION
30	GC30-2051-2			OS/VIS TCAM SYSTEM PROGRAMMER'S GUIDE TCAM LEVEL 10 SELECTABLE UNIT (SU) IDENTIFIERS: 5741-602 (OS/VIS1 SU ID); 5742-UY99915 (OS/SVS ICR); 5752-836 (OS/MVS SU ID)
30	GC30-2052-2			OS/VIS TCAM MACRO REFERENCE GUIDE, TCAM LEVEL 10 (SU ID 5741-602 AND 5752-836)
30	GC30-2054-2	GN30-3048		OS/VIS1 TCAM (LEVELS 8 & 9) PROGRAMMER'S GUIDE
30	GC30-2056-0			OS/VIS2 TCAM LEVEL 10 SELECTABLE UNIT SYSTEM INFORMATION, SUIC 5752-836
30	GC30-3001-5			3735 PROGRAMMER'S GUIDE (OS, DOS, & VS SYSTEMS)
30	GC30-3003-2	GN30-3129		3704 & 3705 COMMUNICATIONS CONTROLLERS ASSEMBLER LANGUAGE
09	GC30-3004-6			3704, 3705-1, AND 3705-II COMMUNICATIONS CONTROLLERS PRINCIPLES OF OPERATION
30	GC30-3005-7			3704 & 3705 COMMUNICATIONS CONTROLLERS, EMULATION PROGRAM STORAGE AND PERFORMANCE REFERENCE (CURRENT RELEASE)
30	GC30-3006-4	GN30-3102		STORAGE ESTIMATES & PERFORMANCE PLANNING FOR 3704 & 3705 NCF
30	GC30-3008-5	GN30-3088	GN30-3126	3704 & 3705 CONTROL PROGRAM GENERATION & UTILITIES GUIDE & SCP 5742, 5744-AN1, -BA2, 5747-AG1, -AJ2 (CURRENT RELEASE) SCP 5742, 5744-AN1, -BA2, 5747-AG1, -AJ2
09	GC30-3020-3			TELEPROCESSING PREINSTALLATION GUIDE FOR IEM 3704 AND 3705 COMMUNICATIONS CONTROLLERS
09	GC30-3021-3			TELEPROCESSING INSTALLATION RECORD FOR IEM 3704 AND 3705 COMMUNICATIONS CONTROLLERS
30	**GC30-3024-4	**GN30-3159		IBM 3650 SUBSYSTEM PROGRAM PREPARATION SUPPORT - APPLICATION PROGRAMMER'S GUIDE, SCP 5747-BJ2 & 5744-EQ2
30	GC30-3028-4	GN30-3165		3773, 3774, & 3775 PROGRAMMABLE COMMUNICATION TERMINALS PROGRAMMER'S GUIDE
50	GC30-3033-1	GN30-3132		INTRODUCTION TO ADVANCED COMMUNICATIONS FUNCTION
30	**GC30-3035-2	**GN30-3161		3650 RETAIL STORE SYSTEM PROGRAMMER'S GUIDE REL 3.0 AND 3.1
30	GC30-3036-1	GN30-3137		OS/VIS TCAM (LEVEL 10) APPLICATION PROGRAMMER'S GUIDE SUIDS 5741-602, 5752-836, ICR 5742
30	GC30-3037-0	GN30-3090		OPERATOR'S LIBRARY: OS/VIS TCAM (LEVEL 10), SUID 5741-602, 5752-836, ICR 5742
30	GC30-3038-0			OS/VIS2 SVS TCAM (5742-017) COMPONENT RELEASE GUIDE, TCAM LEVEL 10, FEATURES 5074 OR 5075
30	GC30-3039-1	GN30-3105		OS/VIS TCAM INSTALLATION AND MIGRATION GUIDE LEVEL 10 SELECTABLE UNIT (SU) IDENTIFIERS: 5741-602 (OS/VIS1 SU ID) 5742-UY99915 (OS/SVS ICR); 5752-836 (OS/MVS SU ID)
30	GC30-3040-1	GN30-3084		OS/VIS TCAM DEBUGGING GUIDE LEVEL 10, OS/VIS1 SUID 5741-602, OS/MVS SUID 5752-836, OS/SVS ICR 5742-UY99915
30	GC30-3044-1			OS/VIS MESSAGE LIBRARY: VS1 TCAM LEVEL 10 MESSAGES OS/VIS1 SU ID 5741-602
30	GC30-3046-0			OS/VIS1 TCAM LEVEL 10 SELECTABLE UNIT SYSTEM INFORMATION, SU ID 5741-602
50	GC30-3049-0			ADVANCED COMMUNICATIONS FUNCTION FOR TCAM CONCEPTS AND PLANNING
50	GC30-3057-2	GN30-3133	GN30-3142	ACF/TCAM, VERSION 2 GENERAL INFORMATION: INTRODUCTION RELEASE 3, LIC PRG 5735-RC3
50	GC30-3058-1	**GN30-3199	GN30-3166	ACF/NCP/VIS NETWORK CONTROL PROGRAM SYSTEM SUPPORT PROGRAMS GENERAL INFORMATION
38	GC30-3064-0	GN30-3131		3770 REMOTE JOB ENTRY (RJE) SYSTEM NETWORK ARCHITECTURE (SNA) INSTALLATION GUIDE
30	**GC30-3072-0			SYSTEMS NETWORK ARCHITECTURE: CONCEPTS AND PRODUCTS
09	**SC30-3112-2			IBM SYSTEMS NETWORK ARCHITECTURE FORMAT AND PROTOCOL REFERENCE MANUAL: ARCHITECTURE LOGIC
30	SC30-3113-0			NETWORK CONTROL PROGRAM: STRUCTURE OVERVIEW FOR START/STOP AND BSC LINE CONTROL
30	SC30-3114-0			STORAGE ESTIMATES AND PERFORMANCE PLANNING FOR THE 3705 COMMUNICATION CONTROLLER
50	SC30-3115-0			ACF/TAP USER'S GUIDE (ADVANCED COMMUNICATION FUNCTION/TRACE ANALYSIS PROGRAM) SSP 6 - 5735-XX3
50	SC30-3116-1			ACF/NCP/VIS, LIC PRG 5735-XX1, -XX3 GENERATION AND UTILITIES REFERENCE (CURRENT RELEASE)
50	SC30-3117-1			ADVANCED COMMUNICATIONS FUNCTION FOR TCAM, LIC PRG 5735-RC1, SYSTEM PROGRAMMER'S GUIDE
50	SC30-3118-1			ADVANCED COMMUNICATIONS FUNCTION FOR TCAM MACRO REFERENCE GUIDE
50	SC30-3119-0	SN30-3138		ADVANCED COMMUNICATIONS FUNCTION FOR TCAM APPLICATION PROGRAMMERS GUIDE
50	SC30-3120-0	SN30-3108	SN30-3115	ADVANCED COMMUNICATIONS FUNCTION FOR ACF/TCAM MESSAGES OS/VIS PROGRAM PRODUCT 5735-RC1
50	SC30-3121-0	SN30-3112		ADVANCED COMMUNICATION FUNCTION FOR TCAM, LIC PRG 5735-RC1, INSTALLATION AND MIGRATION GUIDE
50	SC30-3122-0	SN30-3111	SN30-3118	ADVANCED COMMUNICATION FUNCTION FOR TCAM, LIC PRG 5735-RC1, DEBUGGING GUIDE
50	SC30-3123-0	SN30-3109	SN30-3116	ADVANCED COMMUNICATIONS FUNCTION FOR TCAM, PROG PROD 5735-RC1, OPERATORS GUIDE
50	SC30-3124-0			ADVANCED COMMUNICATIONS FUNCTION FOR TCAM AND NCP (ACF/TCAM - NCP), LIC PRG 5735-RC1, -XX1, -XX3, BIBLIOGRAPHY AND MASTER INDEX
50	**GC30-3131-1			ACF/TCAM, VERSION 2 GENERAL INFORMATION: FUNCTIONAL DESCRIPTION
50	**SC30-3132-1	**SN30-3191		ACF/TCAM, VERSION 2 BASE INSTALLATION GUIDE, LIC PRG 5735-RC3
50	**SC30-3133-2	**SN30-3193		ACF/TCAM RELEASE 1 VERSION 2, LIC PRG 5735-RC3, INSTALLATION REFERENCE
50	**SC30-3134-2	**SN30-3194		ACF/TCAM, VERSION 2 INSTALLATION: SAMPLE PROGRAMS, LIC PRG 5735-RC3 RELEASE 1
50	SC30-3135-0	**SN30-3180		ACF/TCAM VERSION 2, LIC PRG 5735-RC3 ASSET ASSIGNMENTS 9001 AND 6003, MVS 5752 TC221, VS1 5741 TC221, APPLICATION PROGRAMMING
50	**SC30-3136-2	**SN30-3192		ACF/TCAM VERSION 2 OPERATION ASSET ASSIGNMENT 9001 AND 6003 MVS

50	**SC30-3137-2	**SN30-3195		5752-TC221 VS1 5741-TC221
50	**SC30-3138-2			ACF/TCAM, VERSION 2: DIAGNOSIS, LIC PROG 5735-RC3
				ACF/TCAM VERSION 2, SERVICE FACILITIES, SYSTEM SERVICE PROGRAMS
				AND UTILITIES ACF/TCAM 5735-RC3; VS1 5741-TC221; MVS
				5752-TC221
50	**SC30-3140-1	**SN30-3198		ACF/TCAM, VERSION 2 MESSAGES, LIC PROG 5735-RC3
50	SC30-3142-1	SN30-3171		ACF/NCP/VS & SSP LIC PROG 5735-XX1, -XX3, INSTALLATION (CURRENT
				RELEASE)
50	**SC30-3143-1			ACF/NCP/VS & SSP LIC PROG 5735-XX1, -XX3, UTILITIES (CURRENT
				RELEASE)
50	**SC30-3145-1			ACF/NCP/VS & SSP LIC PROG 5735-XX1, -XX3, MESSAGES (CURRENT
				RELEASE)
50	**SC30-3150-1			IMS/VS VERSION 1, PRIMER MASTER TERMINAL OPERATORS GUIDE -
				ACF/TCAM, LIC PROG 5735-RC3 MVS 5752-TC221
50	SC30-3152-1	**SN30-3186		ACF/TCAM, VERSION 2 SUPPORT FOR IBM SUBSYSTEMS 5735-RC3; ASSET
				ASSIGNMENT NUMBERS 9007 and 6003 MVS 5752 TC221
50	**SC30-3153-0			ACF/TCAM VERSION 2, NETWORKING INSTALLATION GUIDE, LIC PROG
				5735-RC3, MULTISYSTEM NETWORKING FACILITY FEATURE 6003
50	**SC30-3154-0	**SN30-3204		ACF/NCP/VS NETWORK CONTROL PROGRAM SYSTEM SUPPORT PROGRAM,
				VERSION 1, RELEASE 3, LIC PROG 5735-XX1, -XX3, INSTALLATION
50	**SC30-3156-0			ADVANCED COMMUNICATIONS FUNCTION NETWORK CONTROL PROGRAM/VS,
				LIC PROG 5735-XX1, DIAGNOSIS GUIDE
50	**SC30-3158-0	**SN30-3201		ADVANCED COMMUNICATIONS FUNCTION FOR NETWORK CONTROL PROGRAM/VS
				SYSTEM SUPPORT PROGRAMS FOR ADVANCED COMMUNICATIONS FUNCTION
				FOR NETWORK CONTROL PROGRAM/VS UTILITIES, LIC PROG 5735-XX1,
				-XX3
50	GC30-9500-0			ADVANCED COMMUNICATIONS FUNCTION FOR TCAM (ACF/TCAM) WITH A
				FEATURE FOR MULTISYSTEM NETWORKING, DESIGN OBJECTIVES, PROG
				PROD 5735-RC1
50	GC30-9501-0			ADVANCED COMMUNICATIONS FUNCTION FOR NCP/VS (ACF/NCP/VS) DESIGN
				OBJECTIVES, PROG PROD 5735-XX1
50	GC30-9502-0			SYSTEM SUPPORT PROGRAMS FOR ADVANCED COMMUNICATIONS FUNCTION
				NCP/VS, PROG PROD 5735-XX3 DESIGN OBJECTIVES
50	GC30-9503-0			TELECOMMUNICATIONS CONTROL SYSTEMS-ADVANCED COMMUNICATIONS
				FUNCTION (TCS-ACF) PROG PROD 5740-XX3, DESIGN OBJECTIVES
50	GC30-9507-0			ADVANCED COMMUNICATION FUNCTION FOR NCP/VS, SPECIFICATIONS PROG
				PROD 5735-XX1
50	GC30-9508-0			SYSTEM SUPPORT PROGRAMS FOR ADVANCED COMMUNICATIONS
				FUNCTION/NCP/VS, PROG PROD 5735-XX3, SPECIFICATIONS
30	GC30-9509-0			EMULATOR PROGRAM, EXTENDED FEATURES PRPQ, PROG 5799-ATL,
				SPECIFICATIONS
30	GC30-9510-1			MVS NCP/VS TCAM LVL 10, 5752-836 SPECIFICATIONS
50	GC30-9511-0			ADVANCED COMMUNICATIONS FUNCTION FOR TCAM (ACF/TCAM INCLUDING A
				FEATURE FOR MULTISYSTEM NETWORKING, LIC PROG 5735-RC1,
				SPECIFICATIONS
30	GC30-9516-1			TCAM NCP/VS DIRECT (TCAM LEVEL 10) SU 2; SCP 5741-VS1 TCAM 10
				SUPPORT, SUID 5741-602, SPECIFICATIONS
50	GC30-9518-1			ACF/TCAM SUPPORT FOR ICR UY99954, SCP 5742-017, SPECIFICATIONS
50	GC30-9519-2			SUI2 ADVANCED COMMUNICATION FUNCTION FOR TCAM (ACF/TCAM) SUID
				5735-RC1, SCP 5741-VS1, ACF/TCAM SUPPORT SPECIFICATIONS
50	GC30-9520-1			ADVANCED COMMUNICATION FUNCTION FOR TCAM (ACF/TCAM), LIC PROG
				5735-RC3, PROGRAM SUMMARY
50	GC30-9521-0			SYSTEM SUPPORT PROGRAMS FOR ACF/NCP/VS RELEASE 2 PROGRAM
				SUMMARY, SCP 5735-XX3, DESIGN OBJECTIVES
50	GC30-9522-0			ADVANCED COMMUNICATION FUNCTION FOR NCP/VS RELEASE 2 PROGRAM
				SUMMARY, SCP 5735-XX1, DESIGN OBJECTIVES
50	GC30-9525-0			ADVANCED COMMUNICATION FUNCTION FOR TCAM (ACF/TCAM) VERSION 2,
				LIC PROG 5735-RC3, SPECIFICATIONS
50	GC30-9526-0			ACF/TCAM, LIC PROG 5735-RC3, PROGRAM SUMMARY
50	GC30-9527-1			ADVANCED COMMUNICATIONS FUNCTION FOR NCP/VS (ACF/NCP/VS)
				RELEASE 3, LIC PROG 5735-XX1, PROGRAM SUMMARY
50	GC30-9528-0			SYSTEM SUPPORT PROGRAMS FOR ACF/NCP/VS RELEASE 3, LIC PROG
				5735-XX3, PROGRAM SUMMARY
50	GC30-9529-1			SYSTEM SUPPORT PROGRAMS FOR ACF/NCP/VS LIC PROG 5735-XX3
				SPECIFICATIONS (CURRENT RELEASE)
50	GC30-9530-1			ADVANCED COMMUNICATIONS FUNCTION FOR NCP/VS (ACF/NCP/VS), LIC
				PROG 5735-XX1, SPECIFICATIONS (CURRENT RELEASE)
50	GC30-9531-1			ACF/NCP/VS, SCP 5747-CH1, SPECIFICATIONS (CURRENT RELEASE)
50	GC30-9533-0			ADVANCED COMMUNICATION FUNCTION FOR NCP/VS RELEASE 2
				MODIFICATION 1, LIC PROG 5735-RC1, PROGRAM SUMMARY
50	GC30-9534-0			SSP ACF/NCP/VS RELEASE 2 MODIFICATION 1 PROGRAM SUMMARY
30	GC30-9540-0			PARTITIONED EMULATION PROGRAMMING (PEP) EXTENDED FEATURES FOR
				THE 3705-11 (PROGRAMMING RPQ P85032), LIC PROG 5799-BAF,
				SPECIFICATIONS
50	**GC30-9541-0			ACF/NCP/VS, SCP 5747-CH1, SPECIFICATIONS
50	**GC30-9542-0			SYSTEM SUPPORT PROGRAMS FOR ACF/NCP/VS, LIC PROG 5735-XX3
				SPECIFICATIONS
50	**GC30-9543-0			ACF/NCP/VS, LIC PROG 5735-XX3, SPECIFICATIONS
30	GC31-0001-0			VSE/3890 DOCUMENT PROCESSOR SUPPORT, LIC PROG 5746-DC1, GENERAL
				INFORMATION
30	SC31-0002-0			VSE/3890 DOCUMENT PROCESSOR SUPPORT, LIC PROG 5746-DC1 USER'S
				REFERENCE GUIDE
30	GC31-0003-0			VSE/3890 DOCUMENT PROCESSOR SUPPORT, LIC PROG 5746-DC1
				SPECIFICATIONS
09	GC31-0009-0	**GN31-7513		PARAMETER TABLE GENERATION FACILITY FOR 3644 AUTOMATIC DATA
				UNIT (GEN3644), LIC PROG 5668-998, GENERAL INFORMATION
09	**GC31-0504-0			3644 AUTOMATIC DATA UNIT PROGRAMMING AND USER'S GUIDE
04	**GC31-2004-0			3694 DOCUMENT PROCESSOR OPERATING PROCEDURES, VOLUME 1: BASIC
				OPERATIONS
08	GC31-2011-0	GN31-7227	GN31-7238	3647 TIME AND ATTENDANCE TERMINAL COMPONENT DESCRIPTION AND
				OPERATING GUIDE
89	GC31-2012-0			3647 TIME AND ATTENDANCE TERMINAL PROBLEM REPORT
29	GC33-0001-4			OS PL/I OPTIMIZING COMPILER, LIC PROG 5734-PL1, GENERAL
				INFORMATION
29	GC33-0003-4			OS PL/I CHECKOUT COMPILER, LIC PROG 5734-PL2, -LM5, GENERAL

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29	GC33-0004-7			INFORMATION DOS PL/I OPTIMIZING COMPILER, LIC PROG 5746-PL1, GENERAL INFORMATION
29	GC33-0005-5	GN20-9236	GN26-0929	DOS PL/I OPTIMIZING COMPILER, LIC PROG 5736-PL1, -PL3 LANGUAGE REFERENCE (CURRENT RELEASE)
29	SC33-0006-4	SN20-9305	SN26-0899	OS PL/I OPTIMIZING COMPILER, LIC PROG 5734-PL1, -LM4, -LM5, PROGRAMMER'S GUIDE
29	SC33-0007-3	SN26-0900		S/360 OS PL/I CHECKOUT COMPILER, LIC PROG 5734-PL2, -LM5, PROGRAMMER'S GUIDE
29	SC33-0008-4	SN20-9231	SN20-9296	DOS PL/I OPTIMIZING COMPILER, LIC PROG 5736-PL1, -LM4, -LM5 PROGRAMMER'S GUIDE (CURRENT RELEASE)
29	GC33-0009-4	SN20-9309		OS PL/I CHECKOUT & OPTIMIZING COMPILERS, LIC PROG 5736-PL1, -LM4, -LM5, LANGUAGE REFERENCE
29	GC33-0016-10			DOS PL/I OPTIMIZING COMPILER, LIC PROG 5736-PL1, -PL3 SPECIFICATIONS (CURRENT RELEASE)
29	GC33-0017-10			DOS PL/I RESIDENT LIBRARY, LIC PROG 5736-PL3, -LM4 SPECIFICATIONS (CURRENT RELEASE)
29	GC33-0018-10			DOS PL/I TRANSIENT LIBRARY, LIC PROG 5736-PL3, -LM5 SPECIFICATIONS (CURRENT RELEASE)
29	SC33-0019-1	SN33-6172		DOS PL/I OPTIMIZING COMPILER, LIC PROG 5736-PL3, -PL1, -LM4 -LM5, EXECUTION LOGIC (CURRENT RELEASE)
29	**SC33-0020-6			DOS PL/I OPTIMIZING COMPILER: INSTALLATION, LIC PROG 5736-PL1, -LM4, -LM5 (CURRENT RELEASE)
29	SC33-0021-4	SN20-9320	**SN20-9332	DOS PL/I OPTIMIZING COMPILER, LIC PROG 5736-PL3, -PL1 MESSAGES (CURRENT RELEASE)
29	GC33-0022-8			SYSTEM/360 OS PL/I OPTIMIZING COMPILER PROGRAM PRODUCT SPECIFICATIONS - PROGRAM NUMBER 5734-PL1
29	GC33-0023-7			OS PL/I RESIDENT LIBRARY - PROGRAM PRODUCT SPECIFICATIONS PROGRAM NUMBER 5734-LM4
29	GC33-0024-7			OS PL/I TRANSIENT LIBRARY - PROGRAM PRODUCT SPECIFICATIONS PROGRAM NUMBER 5734-LM5
29	SC33-0025-2	SN33-6173		OS PL/I OPTIMIZING COMPILER: EXECUTION LOGIC PROGRAM NOS. 5734-PL1, 5734-LM4 AND 5734-LM5
29	SC33-0026-6			OS PL/I OPTIMIZING COMPILER: INSTALLATION - PROGRAM NUMBERS 5734-PL1, 5734-LM4, AND 5734-LM5 NOTE: THESE PRODUCTS ARE ALSO DISTRIBUTED AS COMPLETE PACKAGE 5734-PL3
29	SC33-0027-4	SN20-9304	SN20-9321	OPERATING SYSTEM PL/I OPTIMIZING COMPILER: MESSAGES PROG. NOS. 5734-PL1, 5734-LM5
29	SC33-0029-3	**SN20-9333		OS PL/I OPTIMIZING COMPILER: TSO USER'S GUIDE PROG. NOS. 5734-PL1, -LM4, -LM5 (ALL = 5734-PL3)
29	GC33-0030-5			OS PL/I OPTIMIZING COMPILER, LIC PROG 5734-PL2, SPECIFICATIONS
29	SC33-0031-5			OS PL/I CHECKOUT COMPILER, LIC PROG 5734-PL2, -LM5, INSTALLATION
29	SC33-0032-1	SN33-6174		SYSTEM/360 OPERATING SYSTEM PL/I CHECKOUT COMPILER EXECUTION LOGIC MANUAL - PROGRAM NUMBERS 5734-PL2 5734-LM5
29	SC33-0033-2	SN33-6132	SN33-6164	OS PL/I CHECKOUT COMPILER, LIC PROG 5734-PL2, -LM5, TSO USER'S GUIDE
29	SC33-0034-2	SN33-6170		SYSTEM/360 OPERATING SYSTEM PL/I CHECKOUT COMPILER: MESSAGES MANUAL - PROGRAM NUMBERS 5734-PL2, 5734-LM5
29	SC33-0035-2	**SN20-9338		DOS PL/I TRANSIENT LIBRARY, LIC PROG 5736-PL3, -LM5 MESSAGES (CURRENT RELEASE)
29	SC33-0037-3			OS PL/I OPTIMIZING COMPILER: CMS USERS GUIDE - PROGRAM NUMBER 5734-PL1
29	GC33-0046-0			DOS PL/I OPTIMIZING COMPILER, RESIDENT LIBRARY & TRANSIENT LIBRARY: PROG. PRODS. 5736-PL1, LM4, LM5, DESIGN OBJECTIVES
29	SC33-0047-2			OS PL/I CHECKOUT COMPILER: CMS USER'S GUIDE - PROGRAM NUMBERS: 5734-PL2, 5734-LM5
29	SC33-0051-0	SN33-6165		DOS PL/I OPTIMIZING COMPILER, LIC PROG 5736-PL1, -LM4, -LM5 CMS USER'S GUIDE (CURRENT RELEASE)
50	GC33-0066-5			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, 5740-XX1 GENERAL INFORMATION (CURRENT RELEASE)
50	SC33-0067-1	SN33-6215	SN33-6237	CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5740-XX1, 5746-XX3, INTRODUCTION TO LOGIC
50	** SC33-0068-2			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, 5740-XX1 SYSTEM/APPLICATION DESIGN (CURRENT RELEASE)
50	SC33-0069-3	**SN33-6267		CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, 5740-XX1 SYSTEM PROGRAMMER'S REFERENCE (CURRENT RELEASE)
50	SC33-0070-3			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, SYSTEM PROGRAMMER'S GUIDE (DOS/VS) (CURRENT RELEASE)
50	**SC33-0071-2			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) VERSION 1 RELEASE 5, LIC PROG 5740-XX1, SYSTEM PROGRAMMER'S GUIDE (OS/VS)
50	SC33-0072-1			CICS/VS V1 REL 3, IBM 3600 GUIDE (5746-XX3 AND 5740-XX1)
50	SC33-0073-2			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) REL 3 VER 1, LIC PROG 5746-XX3, 5740-XX1 3650 GUIDE (CICS/VS) VERSION 1 RELEASE 5, LIC PROG 5740-XX1, 5746-XX3 3650/3680 GUIDE
50	SC33-0074-2			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) REL 3 VER 1, LIC PROG 5746-XX3, 5740-XX1, 3767 AND 3770 GUIDE (CICS/VS) VERSION 1 RELEASE 5, LIC PROG 5740-XX1, 5746-XX3 3767/3770/6670 GUIDE
50	SC33-0075-3			(CICS/VS) REL 3 VER 1, LIC PROG 5746-XX3, 5740-XX1, 3790 GUIDE (CICS/VS) VERSION 1 RELEASE 5, LIC PROG 5740-XX1, 5746-XX3 3790/3730 GUIDE
50	SC33-0077-2	**SN33-6268		CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, 5740-XX1, APPLICATION PROGRAMMER'S REFERENCE (COMMAND LEVEL) (CURRENT RELEASE)
50	SC33-0079-2			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, 5740-XX1, APPLICATION PROGRAMMER'S REFERENCE (MACRO LEVEL) (CURRENT RELEASE)
50	SC33-0080-2	**SN33-6269		CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS),

50	SC33-0081-2	**SN33-6270		LIC PROG 5746-XX3, 5740-XX1, OPERATOR'S GUIDE (CURRENT RELEASE)
50	SC33-0082-0			CICS/VVS, LIC PROG 5746-XX3, 5740-XX1, MESSAGES & CODES (CURRENT RELEASE)
50	**GC33-0084-3			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VVS), LIC PROG 5746-XX3, SUBSET USER'S GUIDE
50	SC33-0085-1			CUSTOMER INFORMATION CONTROL SYSTEM/DISK OPERATING SYSTEM/VIRTUAL STORAGE (CICS/DOS/VVS) VERSION 1 RELEASE 5 LIC PROG 5746-XX2, SPECIFICATIONS
50	SC33-0086-1			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VVS), LIC PROG 5746-XX3, APPLICATION PROGRAMMER'S REFERENCE (RFG II) (CURRENT RELEASE)
50	**GC33-0087-3			CUSTOMER INFORMATION CONTROL SYSTEM/OPERATING SYSTEM/VIRTUAL STORAGE VERSION 1 (CICS/OS/VVS VERSION 1) RELEASE 5, LIC PRG 5740-XX1, SPECIFICATIONS
50	SC33-0089-1			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VVS), LIC PROG 5746-XX3 (DOS/VVS), 5740-XX1 (CS/VVS) PROBLEM DETERMINATION GUIDE (CURRENT RELEASE)
50	**SC33-0095-2			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VVS) VERSION 1 RELEASE 5 MASTER INDEX LIC PROG 5740-XX1, 5746-XX3
50	SC33-0096-0			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VVS) VERSION 1 RELEASES, LIC PROG 5746-XX3 5740-XX1, 3270 GUIDE
50	LC33-0105-0	**LN33-6271		CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VVS), LIC PROG 5746-XX3, 5740-XX1, DIAGNOSIS REFERENCE
35	GC33-2004-3	GN33-7045	GN33-7058	1401/1440/1460/DOS EMULATOR ON MODELS 135/145/155 REFERENCE MANUAL - PROGRAM NUMBER 370N-EU-490
35	GC33-2005-2	GN33-7032	GN33-7059	1410/7010 DOS EMULATOR ON MODELS 145/155 REFERENCE MANUAL PROGRAM NUMBER 370N-EU-490
35	GC33-2006-3			MODEL 20 DOS EMULATOR ON SYSTEM/370 REFERENCE (370N-IC-002)
35	GC33-2010-0			MODEL 20 EMULATOR ON SYSTEM/370 USING DOS AND DOS/VVS PLANNING - PROG. NO. 360N-IC-002; COMPONENT NO. 5745-SC-E20
35	GC33-2017-1	GN33-7098	GN33-7100	DOS TO OS/VVS EMULATOR - REFERENCE, PROG. NO. 5744-AS1
35	GC33-2018-0	GN33-7096		1401/1440/1460 OS/VVS EMULATOR ON SYSTEM/370 - REFERENCE (5744-AH1)
35	GC33-2019-0			1410/7010 OS/VVS EMULATOR ON SYSTEM/370, REFERENCE - PROG. NO. 5744-AG1
35	GC33-2020-0			DOS TO OS EMULATOR - REFERENCE PROGRAM NUMBER 360C-EU-738
35	GC33-2021-0			1401/1440/1460 OS/MPT AND OS/MVT EMULATOR ON SYSTEM/370 (360S-EU-735) REFERENCE
35	GC33-2022-0			1410/7010 OS/MPT AND OS/MVT EMULATOR ON SYSTEM/370 - REFERENCE, PROG. NO. 360C-EU-736
21	GC33-4010-5			OS/VVS, DOS/VSE AND VM/370 ASSEMBLER LANGUAGE
33	GC33-4015-0			IBM SYSTEM/370 MODEL 155 SORT/MERGE TIMING ESTIMATES PLANNING GUIDE PROG 360S-SM-023
33	SC33-4018-2			DOS SORT/MERGE, LIC PROG 5743-SM1, PROGRAMMER'S GUIDE
33	GC33-4020-4			S/360 DOS SORT/MERGE, LIC PROG 5743-SM1, GENERAL INFORMATION
21	GC33-4021-3	GN33-8205	GN33-8236	OS/VVS, VM/370 ASSEMBLER PROGRAMMER'S GUIDE
33	SC33-4023-1	SN33-8196		DOS SORT/MERGE, LIC PROG 5743-SM1, INSTALLATION REFERENCE
21	GC33-4024-3	GN26-0960	GN26-0965	GUIDE TO THE DOS/VSE ASSEMBLER (CURRENT RELEASE)
33	SC33-4026-0	SN33-8223	SN33-8240	DOS/VVS SORT/MERGE, LIC PROG 5746-SM1, INSTALLATION REFERENCE
33	SC33-4028-1	SN33-8198	SN33-8225	DOS/VVS SORT/MERGE, LIC PROG 5746-SM1, PROGRAMMER'S GUIDE
		SN33-8241		
21	SC33-4029-0	SN33-8163	SN33-8217	OS TSO ASSEMBLER PROMPTER, LIC PROG 5734-CF2, INSTALLATION REFERENCE
33	GC33-4030-2	GN33-8242		DOS/VVS SORT/MERGE, LIC PROG 5746-SM1, GENERAL INFORMATION
33	**GC33-4032-8			OS/VVS SORT/MERGE, LIC PROG 5740-SM1, SPECIFICATIONS
33	**GC33-4033-8			OS/VVS SORT/MERGE, LIC PROG 5740-SM1, GENERAL INFORMATION
33	**SC33-4034-7	**SN26-0853		OS/VVS SORT/MERGE, LIC PROG 5740-SM1, INSTALLATION REFERENCE
33	**SC33-4035-7			OS/VVS SORT/MERGE, LIC PROG 5740-SM1, PROGRAMMER'S GUIDE
33	GC33-4036-0			DOS SORT/MERGE, LIC PROG 5743-SM1, FUNCTIONAL DESCRIPTION
21	GC33-4038-0			OS TSO ASSEMBLER PROMPTER, LIC PROG 5734-CF2, FUNCTIONAL DESCRIPTION
21	GC33-4039-0			OS ASSEMBLER H PROGRAM PRODUCT, LIC PROG 5734-AS1, FUNCTIONAL DESCRIPTION
33	**GC33-4043-4			DOS/VVS SORT/MERGE V2, LIC PROG 5746-SM2, GENERAL INFORMATION
33	SC33-4044-2	**SN20-9339	**SN20-9349	DOS/VVS SORT/MERGE V2, LIC PROG 5746-SM2, PROGRAMMER'S GUIDE (CURRENT RELEASE)
33	**SC33-4045-4			DOS/VVS SORT/MERGE V2, LIC PROG 5746-SM2, INSTALLATION REFERENCE (CURRENT RELEASE)
33	**GC33-4047-3			DOS/VVS SORT/MERGE V2, LIC PROG 5746-SM2, SPECIFICATIONS (CURRENT RELEASE)
33	GC33-4050-0			DOS/VVS SORT/MERGE, LIC PROG 5746-SM1, FUNCTIONAL DESCRIPTION
30	GC33-5004-0			SYSTEM/360 DOS PLANNING GUIDE FOR PROGRAMMING THE 3330 DIRECT ACCESS STORAGE FACILITY
20	GC33-5007-1			SYSTEM/370 DISK OPERATING SYSTEM VERSION 4 - MANUAL
34	GC33-5008-1			DOS VERSION 4 SYSTEM GENERATION
40	GC33-5009-1			DOS VERSION 4 MESSAGES, PROG. NO. 370N-CI-453
20	GC33-5370-6	GN33-9268		INTRODUCTION TO DOS/VSE
34	GC33-5371-7			DOS/VSE SYSTEM MANAGEMENT GUIDE
30	GC33-5372-4			DOS/VVS DATA MANAGEMENT GUIDE
30	GC33-5373-5	GN24-5585		DOS/VVS SUPERVISOR AND I/O MACROS
	GC24-5149			
30	GC33-5374-1			DOS/VSE TAPE LABELS
30	GC33-5375-3			DOS/VSE DASD LABELS
36	GC33-5376-6			DOS/VSE SYSTEM CONTROL STATEMENTS
34	GC33-5377-7			DOS/VSE SYSTEM GENERATION
40	GC33-5378-5			OPERATOR'S LIBRARY DOS/VSE OPERATING PROCEDURES
	GD12-5007			
40	GC33-5379-6	GN33-9267		DOS/VSE MESSAGES
37	GC33-5380-4			DOS/VSE SERVICEABILITY AIDS & DEBUGGING PROCEDURES
32	GC33-5381-3	GN33-9309		DOS/VSE SYSTEM UTILITIES
30	GC33-5382-5			DOS/VVS ACCESS METHOD SERVICES USER'S GUIDE

37	GC33-5383-3	GN25-0336	GN33-9271	DOS/VSE OLTEP (CURRENT RELEASE)
35	GC33-5384-1			1401/1440/1460 DOS/VSE EMULATOR ON SYSTEM/370 REFERENCE PROG PROD 5747-CC3
35	GC33-5385-1			1410/7010 DOS/VSE EMULATOR ON SYSTEM/370 REFERENCE PROG PROD 5747-CC3
35	GC33-5388-2	GN33-7063	GN33-7068	MODEL 20 DOS/VSE EMULATOR ON SYSTEM/370 REFERENCE
		GN33-7071	GN33-7091	
		GN33-7103		
34	GC33-5402-1	GN33-9139		DOS/VSE PLANNING GUIDE FOR PROGRAMMING THE SYSTEM/370 MODEL 115 AND THE IBM 5203 AND 3203 PRINTERS
36	GC33-5405-0			DOS/VSE POWER/VSE WITH RJE, SNA GUIDE
28	GC33-6029-1			DOS/VSE RPG II, LIC PROG 5746-RG1, SPECIFICATIONS (CURRENT RELEASE)
28	GC33-6030-2	GN33-9307		DOS/VSE RPG II, LIC PROG 5746-RG1, GENERAL INFORMATION
28	SC33-6031-2	SN33-9256		DOS/VSE RPG II, LIC PROG 5746-RG1, SYSTEM LIBRARY (CURRENT RELEASE)
28	SC33-6032-2	SN33-9308		DOS/VSE RPG II, LIC PROG 5746-RG1, INSTALLATION REFERENCE (CURRENT RELEASE)
28	SC33-6033-1	SN33-9257		DOS/VSE RPG II, LIC PROG 5746-RG1, MESSAGES (CURRENT RELEASE)
28	SC33-6034-1			DOS/VSE RPG II, LIC PROG 5746-RG1, AUTC REFCRT MANUAL (CURRENT RELEASE)
28	SC33-6035-0	SN33-9258		SYSTEM/3 DOS/VSE RPG II CONVERSION PREPROCESSOR INSTALLATION AND REFERENCE, PROG PROD 5735-CV1
34	GC33-6039-0			LICENSED PROGRAM DESIGN OBJECTIVES ADVANCED FUNCTIONS - DOS/VSE PROG PROD 5746-XE2
34	SC33-6041-0	SN33-9222		ADVANCED FUNCTIONS - DOS/VSE SYSTEM INFORMATION PROG PROD 5746-XE2
34	SC33-6042-0			SUPPLEMENT FOR ADVANCED FUNCTIONS TO DCS/VSE SYSTEMS MANAGEMENT GUIDE, 5746-XE2
36	SC33-6043-0			SUPPLEMENT FOR ADVANCED FUNCTIONS TO DCS/VSE SYSTEM CONTROL STATEMENTS, 5746-XE2
40	SC33-6044-0			SUPPLEMENT FOR ADVANCED FUNCTIONS TO DCS/VSE OPERATING PROCEDURES, 5746-XE2
40	SC33-6045-0			SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VSE MESSAGES, 5746-XE2
37	SC33-6046-0			SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VSE, LIC PROG 5746-XE2, SERVICEABILITY AIDS & DEBUGGING PROCEDURE
34	GC33-6047-1			DOS/VSE ENTRY USER'S GUIDE (CURRENT RELEASE)
36	GC33-6048-1			DOS/VSE POWER/VSE INSTALLATION GUIDE AND REFERENCE REL 34
36	GC33-6049-0	GN33-9242		DOS/VSE POWER/VSE WORK STATION USER'S GUIDE
34	GC33-6050-0			ADVANCED FUNCTIONS - DOS/VSE SPECIFICATIONS (LFS), LIC PROG 5746-XE2
34	GC33-6060-0	GN33-9269		DOS/VSE MAINTAIN SYSTEM HISTORY PROGRAM (MSHP) USER'S GUIDE
20	GC33-6061-0			DOS/VSE RELEASE 34, SCP 5745-010, SPECIFICATIONS
32	GC33-6062-0			VSE/S/3-3340 DATA IMPORT, LIC PROG 5746-AM3, SPECIFICATIONS
32	SC33-6063-0			VSE/S/3-3340 DATA IMPORT, LIC PROG 5746-AM3, INSTALLATION REFERENCE
39	**GC33-6065-3			VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1, SPECIFICATIONS (CURRENT RELEASE)
39	**GC33-6066-2			VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1, GENERAL INFORMATION (CURRENT RELEASE)
39	**SC33-6067-2	**SN33-9311	**SN33-9315	VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1, INFORMATION & OPERATIONS (CURRENT RELEASE)
39	**SC33-6068-2			VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1, MESSAGES (CURRENT RELEASE)
39	**SC33-6069-2			VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1, MESSAGES
35	GC33-6070-0			1401/1440/1460 EMULATOR, LIC PROG 5746-SU1, DESIGN OBJECTIVES
35	GC33-6071-0			1401/1440/1460 EMULATOR, LIC PROG 5746-SU1, SPECIFICATIONS
35	SC33-6072-0	SN33-9285		1401/1440/1460 EMULATOR, LIC PROG 5746-SU1, INSTALLATION GUIDE & REFERENCE
28	SC33-6074-0			DOS/VSE RPG II, LIC PROG 5746-RG1, USER'S GUIDE (CURRENT RELEASE)
32	GC33-6075-0			VSE/S/3-3340 DATA IMPORT, LIC PROG 5746-AM3, DESIGN OBJECTIVES
20	**GC33-6077-2			DATA SECURITY UNDER THE VSE SYSTEM (CURRENT RELEASE)
32	GC33-6080-1			VSE/FAST COPY DATA SET, LIC PROG 5746-AM4, SPECIFICATIONS (CURRENT RELEASE)
32	GC33-6081-0			VSE/FAST COPY DATA SET, LIC PROG 5746-AM4 GENERAL INFORMATION (CURRENT RELEASE) GENERAL INFORMATION
32	SC33-6082-0			VSE/FAST COPY DATA SET, LIC PROG 5746-AM4, INSTALLATION REFERENCE (CURRENT RELEASE)
34	SC33-6094-0	**SN33-9284		VSE/ADVANCED FUNCTIONS SYSTEM MANAGEMENT GUIDE (CURRENT RELEASE)
36	** SC33-6095-0	SN33-9279	**SN33-9287	VSE/ADVANCED FUNCTIONS SYSTEM CONTROL STATEMENTS (CURRENT RELEASE)
34	**SC33-6096-1			VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, -XE9, SYSTEM GENERATION (CURRENT RELEASE)
40	** SC33-6097-0	**SN33-9288		VSE/ADVANCED FUNCTIONS OPERATING PROCEDURES (CURRENT RELEASE)
40	**SC33-6098-1			VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, -XE9, MESSAGES (CURRENT RELEASE)
37	** SC33-6099-0	**SN33-9289		VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, -XE9, AIDS AND DEBUGGING PROCEDURES (CURRENT RELEASE)
32	** SC33-6100-0	SN33-9275	**SN33-9290	VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, -XE9, SYSTEM UTILITIES (CURRENT RELEASE)
34	**SC33-6101-1			VSE/ADVANCED FUNCTIONS MAINTAIN SYSTEM HISTORY PROGRAM USER'S GUIDE (CURRENT RELEASE)
20	**GC33-6102-3			VSE/ADVANCED FUNCTIONS RELEASE 2, LIC PROG 5746-XE8, SPECIFICATIONS (CURRENT RELEASE)
20	GC33-6103-1			SYSTEM CONTROL PROGRAMMING SPECIFICATIONS DISK OPERATING SYSTEM/VIRTUAL STORAGE EXTENDED
20	GC33-6105-0			VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8 SPECIFICATIONS
20	GC33-6106-0			VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, GENERAL INFORMATION (CURRENT RELEASE)
34	SC33-6107-0	SN33-9262		VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8 SYSTEM INFORMATION (CURRENT RELEASE)
20	**GC33-6108-1			INTRODUCTION TO THE VSE SYSTEM, LIC PROG 5746-XE8 (CURRENT

20	**GC33-6109-2			RELEASE) SYSTEM CONTROL PROGRAMMING SPECIFICATIONS DISK OPERATING SYSTEM/VIRTUAL STORAGE EXTENDED (CURRENT RELEASE)
34	GC33-6110-0	GN33-9273		3031 PROCESSOR DOS/V5, GUIDE AND REFERENCE
34	GC33-6111-0			3031 DOS/V5 SYSTEM CONTROL PROGRAMMING SPECIFICATIONS
37	**SC33-6112-0	**SN33-9296		VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8 DIAGNOSIS GUIDE (CURRENT RELEASE)
40	GC33-6113-1			VSE/OPERATOR COMMUNICATION CONTROL FACILITY GENERAL INFORMATION
40	**GC33-6114-0			VSE/OPERATOR COMMUNICATION CONTROL FACILITY, LIC PROG 5746-XC5, SPECIFICATIONS
40	**SC33-6115-0			VSE/OPERATOR COMMUNICATION CONTROL FACILITY, LIC PROG 5746-XC5 INSTALLATION GUIDE AND REFERENCE
20	**GC33-6116-1			VSE/ADVANCED FUNCTIONS RELEASE 3 PROGRAM SUMMARY
40	**SC33-6117-0			VSE/OPERATOR COMMUNICATION CONTROL FACILITY, LIC PROG 5746-XC5, DIAGNOSIS GUIDE
39	**SC33-6119-0			VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY LIC PROG 5746-TS1 DIAGNOSIS GUIDE
32	**GC33-6125-1			DOWNSTREAM LOAD UTILITY, LIC PROG 5668-006, PROGRAM SUMMARY
36	GC34-0056-1			DISTRIBUTED INTELLIGENCE SYSTEM, LIC PROG 5744-BK1, GENERAL INFORMATION
36	GC34-0057-2	GN30-3078	GN30-3123	DISTRIBUTED INTELLIGENCE SYSTEM, LIC PROG 5744-BK1, REFERENCE GUIDE
36	GC34-0058-2	GN30-3079	GN30-3124	DISTRIBUTED INTELLIGENCE SYSTEM, LIC PROG 5744-BK1, OPERATIONS
37	GC34-2001-0			OS/V5 DISPLAY EXCEPTION MONITORING FACILITY (DEMF) SYSTEM CONTROL PROGRAMMING SPECIFICATIONS, SCF 5744-CM1
37	GC34-2002-1			OS/V5 DISPLAY EXCEPTION MONITORING FACILITY (DEMF) SYSTEM INFORMATION
37	GC34-2003-1			OS/V5 DISPLAY EXCEPTION MONITORING FACILITY USER'S GUIDE
37	GC34-2004-0			OS/V52 MVS INTERACTIVE PROBLEM CONTROL SYSTEM (IPCS), SYSTEM INFORMATION, SUID 5752-857
37	GC34-2005-1			OS/V52 MVS INTERACTIVE PROBLEM CONTROL SYSTEM (IPCS) SPECIFICATIONS, SUID 5752-857
37	GC34-2006-1			OS/V52 MVS IPCS, SUID 5752-857 USER GUIDE AND REFERENCE
40	GC34-2007-0	GN28-4564		SU57 MVS INTERACTIVE PROBLEM CONTROL SYSTEM (IPCS) MESSAGES AND CODES, 5752-857
50	GC34-2008-1			NETWORK PROBLEM DETERMINATION APPLICATION (NPDA), LIC PROG 5735-XX8, PROGRAM SUMMARY
50	**GC34-2009-2			NETWORK PROBLEM DETERMINATION APPLICATION, LIC PROG 5738-XX8, SPECIFICATIONS (CURRENT RELEASE)
50	GC34-2010-2			NETWORK PROBLEM DETERMINATION APPLICATION (NPDA) GENERAL INFORMATION PROGRAM NUMBER 5735-XX8
50	**SC34-2011-4	**SN28-4581		NETWORK PROBLEM DETERMINATION APPLICATION, LIC PROG 5735-XX8 INSTALLATION
50	**SC34-2012-2	**SN28-4577		NETWORK PROBLEM DETERMINATION APPLICATION, LIC PROG 5735-XX8, MESSAGES AND CODES
50	**SC34-2013-2			NETWORK PROBLEM DETERMINATION APPLICATION, LIC PROG 5735-XX8, TERMINAL USE
37	GC34-2014-0			OS/V52 MVS IPCS INTERACTIVE PROBLEM CONTROL SYSTEM REFERENCE SUMMARY CARD SUID 5752-857
37	SC34-2015-1	SN28-4566	**SN28-4568	VSE INTERACTIVE PROBLEM CONTROL SYSTEM, LIC PROG 5746-SA1, USER'S GUIDE & REFERENCE (CURRENT RELEASE)
37	GC34-2016-0			VSE INTERACTIVE PROBLEM CONTROL SYSTEM, LIC PROG 5746-SA1, PROGRAM SUMMARY
37	**GC34-2017-3			VSE INTERACTIVE PROBLEM CONTROL SYSTEM, LIC PROG 5746-SA1, GENERAL INFORMATION (CURRENT RELEASE)
37	GC34-2018-0			VM/INTERACTIVE PROBLEM CONTROL SYSTEM EXTENSION, PROGRAM SUMMARY, LIC PROG 5748-SA1
37	GC34-2019-1			VM/INTERACTIVE PROGRAM CONTROL SYSTEM EXTENSION LIC PROG 5748-SA1 GENERAL INFORMATION
37	**SC34-2020-1			VM/INTERACTIVE PROBLEM CONTROL SYSTEM EXTENSION: LIC PROG 5748-SA1, USER'S GUIDE AND REFERENCE
37	**GC34-2021-2			VSE INTERACTIVE PROBLEM CONTROL SYSTEM, LIC PROG 5746-SA1, SPECIFICATIONS (CURRENT RELEASE)
37	SC34-2022-0			VM/INTERACTIVE PROBLEM CONTROL SYSTEM EXTENSION, LIC PROG 5748-SA1, REFERENCE SUMMARY
50	GC34-2023-0			NETWORK PROBLEM DETERMINATION APPLICATION, LIC PROG 5735-XX8 PROGRAM SUMMARY
37	SC34-2024-0			VSE INTERACTIVE PROBLEM CONTROL SYSTEM, LIC PROG 5746-SA1, REFERENCE SUMMARY
37	**GC34-2025-1			VM/INTERACTIVE PROBLEM CONTROL SYSTEM EXTENSION, LIC PROG 5748-SA1, SPECIFICATIONS
37	**GC34-2027-1			INFORMATION/SYSTEM LIC PROG 5735-OZS GENERAL AND PRE-INSTALLATION INFORMATION, RELEASE 2
37	**SC34-2029-0			INFORMATION/SYSTEM, LIC PROG 5735-OZS, INSTALLATION AND CUSTOMIZATION
37	**GC34-2030-0			INFORMATION/SYSTEM, LIC PROG 5735-OZS, SPECIFICATIONS
37	**SC34-2031-0			INFORMATION/MANAGEMENT, LIC PROG 5735-CZS, USER'S GUIDE
50	**SC34-2032-1	**SN28-4571	**SN28-4574	NETWORK PROBLEM DETERMINATION APPLICATION: USER ACTION GUIDE PROGRAM NUMBER 5735-XX8
50	GC34-2033-1			NETWORK PROBLEM DETERMINATION APPLICATION: PROGRAM SUMMARY RELEASE 3, LIC PROG NUMBER 5735-XX8
50	SC34-2034-0			NETWORK PROBLEM DETERMINATION APPLICATION, LIC PROG 5735-XX8, REFERENCE SUMMARY
39	**GC34-2035-1			SYSTEM PRODUCTIVITY FACILITY, LIC PROG 5668-009, SPECIFICATIONS
39	**SC34-2036-1			SYSTEM PRODUCTIVITY FACILITY, LIC PROG 5668-009, DIALOG MANAGEMENT SERVICES
39	**SC34-2037-0	**SN28-4578		SYSTEM PRODUCTIVITY FACILITY FOR MVS, LIC PROG 5668-009, INSTALLATION AND CUSTOMIZATION
39	**SC34-2038-0			SYSTEM PRODUCTIVITY FACILITY FOR MVS, LIC PROG 5668-009, PROGRAM REFERENCE
39	**GC34-2039-0			SYSTEM PRODUCTIVITY FACILITY FOR MVS LIC PROG 5668-009, GENERAL INFORMATION
37	**SC34-2043-0			INFORMATION/SYSTEM, LIC PROG 5735-OZS, MESSAGES AND CODES
37	**SC34-2044-0			INFORMATION/MVS, LIC PROG 5735-OZS, USER'S GUIDE
37	**SC34-2045-0			INFORMATION/MANAGEMENT, LIC PROG 5735-CZS, SCENARIOS AND PANEL

39	** GC34-2046-0			FLOW
39	**SC34-2047-0			SYSTEM PRODUCTIVITY FACILITY FOR VM/370 LIC FROG 5668-009, GENERAL INFORMATION
39	**SC34-2048-0			SYSTEM PRODUCTIVITY FACILITY FOR VM/SP, LIC PROG 5668-009, PROGRAM REFERENCE
37	**GC34-2053-1			SYSTEM PRODUCTIVITY FACILITY FOR VM, LIC FROG 5668-009, INSTALLATION AND CUSTOMIZATION
50	**GC34-2055-0			INFORMATION/SYSTEM, LIC PROG 5735-OZS, PROGRAM SUMMARY
37	**GC34-2059-0			3600 THRESHOLD ANALYSIS AND REMOTE ACCESS FEATURE, LIC PROG 5735-XX8, GENERAL INFORMATION
40	**GC34-2060-0			OS/VS2 MVS INTERACTIVE PROBLEM CONTRL SYSTEM FOR MVS/SYSTEM PRODUCT: USER'S GUIDE AND REFERENCE
30	GC35-0010-0	GN26-0914		OS/VS2 MVS INTERACTIVE PROBLEM CONTRL SYSTEM FOR MVS/SYSTEM PRODUCT: MESSAGES AND CODES
30	GC35-0014-4	**GN35-0157		OS/VS2 USING OS CATALOG MANAGEMENT WITH THE MASTER CATALOG: CVOL PROCESSOR
30	GC35-0016-2	GN35-0059	GN35-0075	OPERATORS LIBRARY: IBM 3850 MASS STORAGE SYSTEM (MSS) UNDER OS/VS
		GN35-0089	GN35-0118	
		GN35-0133	**GN35-0159	OS/VS MSS SERVICES GENERAL INFORMATION
		**GN35-0183		
30	GC35-0017-1	GN35-0067	GN35-0087	OS/VS MSS SERVICES REFERENCE INFORMATION
		GN35-0121	GN35-0135	
		**GN35-0150		
30	GC35-0018-0			OS/VS1 AND OS/VS2 MVS MSS ENHANCEMENTS SELECTABLE UNITS SYSTEM INFORMATION, SUIDS 5741-605, 5752-824
30	GC35-0027-1	GN35-0068	GN35-0130	OS/VS MASS STORAGE SYSTEM (MSS) SYSTEM DATA ANALYZER
		**GN35-0188		
30	GC35-0028-1	GN35-0112	**GN35-0171	OS/VS MASS STORAGE SYSTEM (MSS) INSTALLATION PLANNING AND TABLE CREATE
14	GC35-0031-0			OS/VS MASS STORAGE SYSTEM (MSS) MSVIZAF
30	**GC35-0033-4			DEVICE SUPPORT FACILITIES, LIC PROG 5746-XE8, 5747-DS1 (CURRENT RELEASE)
30	GC35-0042-1			DEVICE SUPPORT FACILITIES SELECTABLE UNIT SCPS
01	GC38-0005-7			OPERATOR'S LIBRARY, S/370 MODEL 135 PROCEDURES
01	GC38-0015-6			S/370 MODEL 145 OPERATING PROCEDURES
01	GC38-0016-1			S/370 MODEL 138 OPERATING PROCEDURES
01	GC38-0017-1			S/370 MODEL 148 OPERATING PROCEDURES
01	GC38-0025-5	GN22-0591		S/370 MODEL 158 OPERATING PROCEDURES
01	GC38-0030-3			S/370 MODEL 168 OPERATING PROCEDURES
01	GC38-0031-5	**GN22-0619	**GN22-0623	3033 PROCESSOR COMPLEX OPERATOR'S GUIDE
		**GN22-0628		
01	GC38-0032-1	GN22-0603	**GN22-0622	3032 PROCESSOR COMPLEX OPERATOR'S GUIDE
01	GC38-0033-3	**GN22-0626		3031 PROCESSOR COMPLEX OPERATOR'S GUIDE
40	GC38-0110-8	GN24-5641	GN24-5660	OPERATOR'S LIBRARY: OS/VS1 REFERENCE
	SD25-0041			
39	GC38-0220-0			OPERATOR'S LIBRARY: OS/VS2 TSO
38	GC38-0225-1			OPERATOR'S LIBRARY: OS/VS2 REMOTE TERMINALS (JES2)
38	GC38-0228-0	GN28-2622		OPERATOR'S LIBRARY: OS/VS2 REMOTE TERMINALS (JES3)
40	**GC38-0229-1	**GN28-2997		OPERATOR'S LIBRARY: OS/VS2 MVS SYSTEM COMMANDS
	**SD23-0061			
	**GD23-0112			
30	GC38-0251-1	GN31-0762		NETWORK OPERATION SUPPORT PROGRAM GENERAL INFORMATION, PROG PROD 5735-XX2
50	GC38-0254-3	GN31-0800	GN31-0832	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) GENERAL INFORMATION, PROG PRODS 5735-RC2, 5746-RC3
		GN31-1030		
40	GC38-0255-4	GN24-5637		OPERATOR'S LIBRARY: OS/VS1 DISPLAY CONSOLES
50	SC38-0256-0	SN31-0693	SN31-0876	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) MACRO LANGUAGE GUIDE, PROG PROD 5746-RC3 (DOS/VS), 5735-RC2 (OS/VS)
50	SC38-0257-0	SN31-0695	SN31-0945	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) PROGRAM OPERATOR GUIDE PROG PROD 5746-RC3 (DOS/VS), 5735-RC2 (OS/VS)
50	SC38-0258-1	SN31-0834	SN31-1035	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) SYSTEM PROGRAMMER'S GUIDE, PROG PROD 5735-RC2
50	SC38-0259-0	SN31-0698	SN31-0941	ACF/VTAM NETWORK OPERATING PROCEDURES FOR OS/VS - PROG PROD 5735-RC2
50	SC38-0261-1	SN31-0936		ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM) MACRO LANGUAGE REFERENCE, PROG PROD 5746-RC3 (DOS/VS), 5735-RC2 (OS/VS)
50	GC38-0266-1			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM, PROG PROD 5735-RC2, 5746-RC3, SPECIFICATIONS
50	SC38-0268-0	SN31-0823	SN31-1032	ACF/VTAM, LIC PROG 5746-RC3, SYSTEM PROGRAMMER'S GUIDE
50	SC38-0269-0	SN31-0696	SN31-0835	ACF/VTAM INSTALLATION GUIDE FOR OS/VS, LIC PROG 5735-RC2
50	SC38-0270-0			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) INSTALLATION GUIDE, PROG PROD 5746-RC3 (DOS/VS)
50	SC38-0271-0	SN31-0697	SN31-0818	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) MESSAGES AND CODES, PROGRAM NUMBER 5735-RC2 (OS/VS)
50	SC38-0272-0	SN31-0939		ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) MESSAGES AND CODES, PROG PROD 5746-RC3 (DOS/VS)
50	SC38-0273-0	SN31-0819	SN31-0940	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) NETWORK OPERATING PROCEDURES, PROG PROD 5746-RC3 (DOS/VS)
30	GC38-0277-0			NETWORK OPERATION SUPPORT PROG PROD 5735-XX2, SPECIFICATIONS
50	SC38-0278-1			NETWORK OPERATION SUPPORT PROGRAM INSTALLATION AND MAINTENANCE MANUAL (OS/VS), LIC PROG 5735-XX2
30	SC38-0279-2			NETWORK OPERATION SUPPORT PROGRAM, LIC PROG 5735-XX2, (DOS/VS) INSTALLATION AND MAINTENANCE
30	SC38-0281-2			PROGRAM PRODUCT NETWORK OPERATION SUPPORT PROGRAM OPERATORS MANUAL, PROG PROD 5735-XX2
50	GC38-0282-1	GN27-1588	GN31-0691	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) CONCEPTS AND PLANNING, PROG PROD 5735-RC2, 5746-RC3
		GN31-0833	GN31-1031	
50	SC38-0283-0			ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM) TOLTEP, LIC PROG 5746-RC3 (DOS/VS), 5735-RC2 (OS/VS)
50	GC38-0284-0			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM, MULTISYSTEM NETWORK FACILITY, PROG PROD 5735-RC2 5746-RC3 SPECIFICATIONS
50	GC38-0285-1			ACF/VTAM ENCRYPT/DECRYPT FEATURE, PROG PROD 5735-RC2,

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50	GC38-0286-1			SYSTEM CONTROL PROGRAMMING SPECIFICATIONS FOR ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACP/VTAM), PROG PROD 5746-RC3, 5735-RC2
50	GC38-0289-0			ACP/VTAM ENCRYPT/DECRYPT FEATURE, PROG PROD 5735-RC2, DESIGN OBJECTIVES
30	GC38-0290-0			BASIC TELECOMMUNICATIONS ACCESS METHOD EXTENDED SUPPORT (BTAM-ES) PROGRAM SUMMARY
30	GC38-0291-0			EXTENDED SUPPORT, LIC PROG 5746-RC5, SPECIFICATIONS (CURRENT RELEASE)
30	GC38-0292-0			BTAM-ES, LIC PROG 5746-RC5, GENERAL INFORMATION (CURRENT RELEASE)
30	SC38-0293-0	SN31-1000		BTAM-ES, LIC PROG 5746-RC5, PROGRAMMING REFERENCE (CURRENT RELEASE)
30	SC38-0294-0			BTAM-ES, LIC PROG 5746-RC5, INSTALLATION (CURRENT RELEASE)
30	SC38-0295-0			BTAM-ES, LIC PROG 5746-RC5, MESSAGES (CURRENT RELEASE)
30	GC38-0296-0			BTAM SYSTEM CONTROL PROGRAMMING FOR BTAM-ES SCP 5747-CG1 SPECIFICATIONS (CURRENT RELEASE)
50	**GC38-0297-4			NETWORK TERMINAL OPTION GENERAL INFORMATION INTRODUCTION SCP 5735-XX7
50	**SC38-0298-3			NETWORK TERMINAL OPTION INSTALLATION
50	**GC38-0299-1			NETWORK TERMINAL OPTION (NTO) SPECIFICATIONS
38	GC38-0330-0	GN24-5465		OPERATOR'S LIBRARY OS/VS1 RES - PROGRAM NUMBER 5741-SC1-EB
38	GC38-0335-0			OPERATOR'S LIBRARY: OS/VS1 CRJE
30	GC38-1000-7	GN38-0137	**GN38-0161	OS/VS MESSAGE LIBRARY: MASS STORAGE SYSTEM (MSS) MESSAGES
		**GN38-0181		
40	GC38-1001-9	GN24-5671	GN24-5680	OS/VS1 SYSTEM MESSAGES
40	GC38-1002-7	GN28-4689	GN28-4739	OS/VS MESSAGE LIBRARY: VS2 SYSTEM MESSAGES
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		GN28-4750	**GN28-4937	
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		**GN28-4750	**GN28-4937	
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	**GD23-0233			
40	GC38-1003-10			OS/VS1 SYSTEM CODES
31	GC38-1007-5			OS/VS LINKAGE EDITOR AND LOADER MESSAGES
40	GC38-1008-5	GN28-4751	**GN28-4916	OS/VS2 MESSAGE LIBRARY: VS2 SYSTEM CODES (CURRENT RELEASE)
	GD23-0174	**GN28-4901	**GN28-4916	
	GD23-0216			
	**GD23-0237			
39	GC38-1009-1			OS/VS MESSAGE LIBRARY: VS2 TSO MESSAGES
30	GC38-1010-4	GN24-5582	GN24-5609	OS/VS1 RES RTAM AND ACCOUNT MESSAGES
40	GC38-1011-4	GN27-1586		SYSTEM/370 SUBSYSTEM SUPPORT SERVICES (LEVELS 4 & 5) MESSAGES
40	GC38-1012-5	GN25-0193		OS/VS MESSAGE LIBRARY: JES3 MESSAGES JES3 RELEASE 3
30	SC38-1014-2	**SN28-4735		OS/VS2 MVS RACF MESSAGES & CODES, PROG PROD 5740-XXH
40	**GC38-1045-2			ENVIRONMENTAL RECORDING EDITING & PRINT PROGRAM (EREP) MESSAGES (CURRENT RELEASE)
39	GC38-1046-0			OS/VS MESSAGE LIBRARY: VS2 TSO TERMINAL MESSAGES
	**GD23-0205			
40	**GC38-1047-0			OS/VS SYSTEM MODIFICATION PROGRAM MESSAGES AND CODES
40	GC38-1101-5			OS/VS1 ROUTING & DESCRIPTOR CODES (CURRENT RELEASE)
40	GC38-1102-2	GN28-4690	**GN28-4752	OS/VS MESSAGE LIBRARY: VS2 ROUTING AND DESCRIPTOR CODES
	GD23-0167	GN28-4733	**GN28-4752	
	GD23-0175	**GN28-4908	**GN28-4752	
	GD23-0215			
36	LDB3-0021-0	LNB8-2964		SUPPLEMENT FOR OS/VS2 MVS SYSTEM EXTENSICNS TO DATA AREAS, 5740-XE1
36	LDB3-0022-0			SUPPLEMENT FOR MVS SYSTEM EXTENSIONS TO DIRECTORY, 5740-XE1
36	LDB3-0023-0	LNB8-2949		SUPPLEMENT FOR MVS/SE TO SYMBOL USAGE TABLE, 5740-XE1
36	LDB3-0024-0	LNB8-2948		SUPPLEMENT FOR OS/VS2 MVS SYSTEM EXTENSICNS TO DATA AREA USAGE TABLE, 5740-XE1
36	LDB3-0072-0	LNB8-2979		SUPPLEMENT FOR MVS RMP, 5740-XY4, TO DATA AREAS
36	LDB3-0073-0	LNB8-2978		SUPPLEMENT FOR MVS RMP, 5740-XY4, TO DIRECTORY
36	LDB3-0074-0	LNB8-2980		SUPPLEMENT FOR MVS RMP TO DATA AREA USAGE TABLE, 5740-XY4
36	LDB3-0075-0	LNB8-2981		SUPPLEMENT FOR VS2 MVS RMP TO SYMBOL USAGE TABLE, 5740-XY4
36	LDB3-0083-0			SUPPLEMENT FOR MVS ACP/TCAM MULTISYSTEM NETWORKING FACILITY TO DATA AREA USAGE TABLE, 5735-RC1
36	LDB3-0084-0			SUPPLEMENT FOR OS/VS2 MVS ACP/TCAM MULTISYSTEM NETWORKING FACILITY TO SYMBOL USAGE TABLE, 5735-RC1
36	LDB3-0085-0			SUPPLEMENT FOR OS/VS2 MVS ACP/TCAM MULTISYSTEM NETWORKING FACILITY TO BASE DATA AREA USAGE TABLE, 5735-RC1
36	LDB3-0086-0			SUPPLEMENT FOR OS/VS2 MVS ACP/TCAM MULTISYSTEM NETWORKING FACILITY TO BASE SYMBOL USAGE TABLE, 5735-RC1
36	SDB3-0100-0			SUPPLEMENT FOR SU26 TO MVS JES3
36	SDB3-0133-0			SUPPLEMENT FOR SU64 TO DATA AREAS: MVS PROCESSOR SUPPORT 2,
36	SDB3-0134-0			SUPPLEMENT FOR SU64 TO DIRECTORY: MVS PROCESSOR SUPPORT 2, 5
36	SDB3-0135-0			SUPPLEMENT FOR SU64 TO DATA AREAS USAGE TABLE: MVS PROCESSOR 5752-864
36	SDB3-0136-0			SUPPLEMENT FOR SU64 TO SYMBOL USAGE TABLE: MVS PROCESSOR SUF 5752-864
36	LDB3-0160-0			SUPPLEMENT FOR OS/VS2 MVS/SYSTEM EXTENSICNS RELEASE 2 TO DATA AREAS MICROFICHE LISTINGS
36	LDB3-0161-0			SUPPLEMENT FOR OS/VS2 MVS/SYSTEM EXTENSICNS RELEASE 2 TO DIRECTORY, LIC PROG, MICROFICHE LISTINGS
36	LDB3-0162-0			SUPPLEMENT FOR OS/VS2 MVS SYMBOL USAGE TABLE, 5740-XE1, LISTING
36	LDB3-0163-0			SUPPLEMENT FOR OS/VS2 MVS DATA AREA USAGE TABLE, 5740-XE1, LISTINGS
36	LD12-5000-0			SUPPLEMENT FOR VSE/ADVANCED FUNCTIONS, 5746-XE8, TO DOS/VSE SUPERVISOR LOGIC
36	LD12-5001-0			SUPPLEMENT FOR VSE/ADVANCED FUNCTIONS TO DOS/VSE LOGICAL TRANSIENTS AND DUMP PHASES LOGIC 5746-XE8
37	LD12-5002-0			SUPPLEMENT FOR VSE/ADVANCED FUNCTIONS TO DOS/VSE SERVICEABILITY AIDS LOGIC, 5746-XE8
36	LD12-5003-0			SUPPLEMENT FOR DOS/VSE ADVANCED FUNCTIONS INITIAL PROGRAM LOAD

31	LD12-5004-0			AND JOB CONTROL LIC PROG 5746-XE8 LOGIC SUPPLEMENT FOR VSE/ADVANCED FUNCTIONS, 5746-XE8, TO DOS/VSE LINKAGE EDITOR LOGIC
31	LD12-5005-0			SUPPLEMENT FOR VSE/ADVANCED FUNCTIONS TO DOS/VSE LIBRARIAN LOGIC, 5746-XE8
32	LD12-5006-0			SUPPLEMENT FOR VSE/ADVANCED FUNCTIONS, 5746-XE8, TO DOS/VSE SYSTEM UTILITIES LOGIC
40	SD12-5007-0			SUPPLEMENT FOR VSE/ADVANCED FUNCTIONS, 5746-XE8, TO DOS/VSE OPERATING PROCEDURES
20	LD12-5009-0			SUPPLEMENT FOR VSE/ADVANCED FUNCTIONS, TO DOS/VSE HANDBOOK, 5746-XE8
50	LD21-0002-1			SUPPLEMENT FOR ACF/TCAM MULTISYSTEM NETWORKING FACILITY, 5735-RC1, TO ACF/TCAM LOGIC
50	LD21-0003-0	LN21-0001		SUPPLEMENT FOR ACF/TCAM MULTISYSTEM NETWORKING FACILITY, 5735-RC1, TO ACF/TCAM PROGRAM REFERENCE SUMMARY
50	SD21-0005-1			SUPPLEMENT FOR IMS/VSE VERSION 1 TO PRIMER, 5735-RC3 MVS 5752-TC221
50	SD21-0007-1			SUPPLEMENT FOR IMS/VSE VERSION 1 TO PRIMER SAMPLE LISTING, 5735-RC3 MVS 5752-TC221
37	SD23-0002-2	SN28-4725	**SN28-4792	SUPPLEMENT FOR MVS/SE: DEBUGGING HANDBOOK VOL. 2, PROG PROD 5740-XE1
34	SD23-0003-2	SN28-4698		SUPPLEMENT FOR MVS/SE REL 2, 5740-XE1, TO SYSTEM INITIALIZATION AND TUNING GUIDE
34	SD23-0005-2	SN28-2996	SN28-4723	SUPPLEMENT FOR MVS/SE REL 2, 5740-XE1, TO SYSTEM MANAGEMENT FACILITIES (SMF)
36	SD23-0006-3			SUPPLEMENT FOR MVS/SE REL 2, 5740-XE1, TO SUPERVISOR
36	LD23-0010-1	LN28-2952		SUPPLEMENT FOR MVS/SE: SYSTEM INITIALIZATION LOGIC, PRG PROD 5740-XE1
30	LD23-0011-2			SUPPLEMENT FOR MVS/SE: IOS LOGIC, PROG PROD 5740-XE1
37	LD23-0013-0	LN28-2919	LN28-2945	SUPPLEMENT FOR MVS/SE: SERVICE AIDS LOGIC, PRG PROD 5740-XE1
36	LD23-0015-1			SUPPLEMENT FOR MVS/SE: VOL 2 LOGIC, PRG PROD 5740-XE1
36	LD23-0016-1			SUPPLEMENT FOR MVS/SE: VOL 3 LOGIC, PRG PROD 5740-XE1
36	LD23-0017-1			SUPPLEMENT FOR MVS/SE TO VOL 4 LOGIC, PRG PROD 5740-XE1
36	LD23-0018-1	LN28-4703		SUPPLEMENT FOR MVS/SE: VOL 5 LOGIC, PRG PROD 5740-XE1
36	LD23-0019-1			SUPPLEMENT FOR MVS/SE: VOL 6 LOGIC, PRG PROD 5740-XE1
36	LD23-0020-2			SUPPLEMENT FOR MVS/SE TO VOL 7 LOGIC, PRG PROD 5740-XE1
37	SD23-0036-0			SUPPLEMENT FOR MVS PROCESSOR SUPPORT TO SERVICE AIDS LOGIC, SUPPORT 5752-851
40	SD23-0061-3			SUPPLEMENT FOR MVS/SE REL 2, 5740-XE1, TO SYSTEM COMMANDS
37	SD23-0062-1	SN28-2963	SN28-2970	SUPPLEMENT FOR MVS/SE TO DIAGNOSTIC TECHNIQUES, 5740-XE1
39	**SD23-0064-2			SUPPLEMENT FOR MVS TSO/VTAM FOR ACF/VTAM, 5735-RC2, TO ISO COMMAND LANGUAGE REFERENCE
39	**SD23-0065-3			SUPPLEMENT FOR MVS ACF/VTAM REL 2, 5735-RC2, TO TSO GUIDE TO WRITING A TMP OR CP
34	SD23-0070-0	SN28-2933	SN28-2977	SUPPLEMENT FOR RMF VER 2 REL 2, MVS/SE SUPPORT, 5740-XY4, TO MVS RMF VER 2 REF & USER'S GUIDE
34	LD23-0071-0	LN28-2951		SUPPLEMENT FOR RMF VER 2 REL 2, MVS/SE SUPPORT, 5740-XY4, TO RMF VER 2 PROGRAM LOGIC MANUAL
34	GD23-0090-0			SUPPLEMENT FOR VS1 AND MVS PROGRAMMED CRYPTOGRAPHIC FACILITY TO SMF VS2 SYSTEM PROGRAMMING LIBRARY, 5740-XY5
34	GD23-0097-0			SUPPLEMENT FOR SU26 TO SYSTEM MANAGEMENT FACILITIES: MVS JES REL 3, 5752-826
34	GD23-0108-0			SUPPLEMENT FOR VS1 & MVS ACF/VTAM, 5735-RC2, TO MVS SYSTEM MANAGEMENT FACILITIES
40	GD23-0109-0			SUPPLEMENT FOR SU64 TO SYSTEM MESSAGES: MVS PROCESS SUPPORT, 5752-864
40	GD23-0110-0	GN28-2982		SUPPLEMENT FOR SU64 TO ROUTING & DESCRIPTOR CODES: MVS PROCESSOR SUPPORT 2, 5752-864
40	GD23-0111-0			SUPPLEMENT FOR OS/VS2 MVS PROCESSOR SUPPORT 2: SYSTEM CODES TO OS/VS MESSAGE LIBRARY VS2 SYSTEM CODES (SUID 5752-864)
40	GD23-0112-0			SUPPLEMENT FOR SU64 TO SYSTEM COMMANDS: MVS PROCESSOR SUPPORT 2, 5752-864
36	GD23-0114-0			SUPPLEMENT FOR SU64 TO MVS SUPERVISOR SERVICES & MACRO INSTRUCTIONS: PROCESSOR SUPPORT II, 5752-864
37	GD23-0116-0			SUPPLEMENT FOR SU64 TO DEBUGGING HANDBOOK VOL 1: MVS PROCESSOR SUPPORT 2, 5752-864
37	GD23-0117-0			SUPPLEMENT FOR OS/VS2 MVS PROCESSOR SUPPORT 2 (SU64) TO DEBUGGING HANDBOOK, VOL 2 (SUID 5752-864)
37	GD23-0118-0	GN28-2972		SUPPLEMENT FOR SU64 TO DEBUGGING HANDBOOK VOL 3: MVS PROCESSOR SUPPORT 2, 5752-864
34	GD23-0119-0			SUPPLEMENT FOR SU64 TO MVS INITIALIZATION AND TUNING GUIDE: PROCESSOR SUPPORT II, 5752-864
36	GD23-0120-0			SUPPLEMENT FOR OS/VS2 MVS PROCESSOR SUPPORT II TO OS/VS2 JOB MANAGEMENT (SUID 5752-864)
34	GD23-0121-0			SUPPLEMENT FOR SU64 TO MVS SMF: PROCESSOR SUPPORT II, 5752-864
37	GD23-0122-0			SUPPLEMENT FOR SU64 TO SERVICE AIDS: MVS PROCESSOR SUPPORT 2, 5752-864
36	SD23-0123-0			SUPPLEMENT FOR SU64 TO SYSTEM INITIALIZATION LOGIC: MVS PROCESSOR SUPPORT 2, 5752-864
37	SD23-0131-0			SUPPLEMENT FOR OS/VS 2 MVS PROCESSOR SUPPORT 2 (SU64) TO OS/VS2 MVS SERVICE AIDS LOGIC, (SUID 5752-864)
39	SD23-0132-0			SUPPLEMENT FOR SU64 TO TSO COMMAND PROCESSOR LOGIC VOL IV: PROCESSOR SUPPORT 2
39	**SD23-0139-2			SUPPLEMENT FOR ACF/VTAM REL 2, 5735-RC2, TO OS/VS2 TSO TERMINAL USER'S GUIDE
37	SD23-0140-1	SN28-4726		SUPPLEMENT FOR MVS/SE REL 2, 5740-XE1, TO DEBUGGING HANDBOOK VOL 3
37	GD23-0141-0			SUPPLEMENT FOR SU64 TO DIAGNOSTIC TECHNIQUES: MVS PROCESSOR SUPPORT 2, 5752-864
36	GD23-0146-0			SUPPLEMENT FOR OS/VS2 MVS/SYSTEM EXTENSIONS RELEASE 2 TO JOB MANAGEMENT, 5740-XE1
36	GD23-0148-0			SUPPLEMENT FOR OS/VS2 MVS/SYSTEM EXTENSIONS RELEASE OS/VS2 MVS JCL, 5740-XE1
37	GD23-0150-0			SUPPLEMENT FOR OS/VS2 MVS/SYSTEM EXTENSIONS REL 2: DEBUGGING

36	LD23-0154-1	LN28-4721	HANDBOOK VOLUME 1, 5740-XE1
			SUPPLEMENT FOR OS/VS2 MVS SYSTEM EXTENSIONS, RELEASE 2 TO
36	LD23-0155-1	LN28-4715	SYSTEM LOGIC LIBRARY VOLUME 2, 5740-XE1
			SUPPLEMENT FOR OS/VS2 MVS/SYSTEM EXTENSIONS RELEASE 2 TO SYSTEM
36	LD23-0156-1		LOGIC LIBRARY VOL 3, 5740-XE1
			SUPPLEMENT FOR OS/VS2 MVS/SYSTEM EXTENSIONS RELEASE 2 TO SYSTEM
36	LD23-0158-1	LN28-4727	LOGIC LIBRARY VOL 4, 5740-XE1
			SUPPLEMENT FOR OS/VS2 MVS/SYSTEM EXTENSICNS RELEASE 2 TO SYSTEM
36	LD23-0159-0	LN28-4714	LOGIC LIBRARY (VOL 7), 5740-XE1
			SUPPLEMENT FOR OS/VS2 MVS/SYSTEM EXTENSIONS RELEASE 2 TO SYSTEM
34	LD23-0164-0		INITIALIZATION LOGIC, 5740-XE1
			SUPPLEMENT FOR RESOURCE MANAGEMENT FACILITY VER 2 REL 2 TO
			(MVS/SYSTEM EXTENSIONS SUPPORT) MVS/SYSTEM EXTENSIONS RELEASE
40	**GD23-0166-0	**GN28-4732	2 FEATURE: RMF LOGIC, 5740-XY4
			SUPPLEMENT FOR OS/VS1 AND OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT
40	**GD23-0167-0	**GN28-4733	TO VS2 SYSTEM MESSAGES, 5740-XX6
			SUPPLEMENT FOR OS/VS1 AND OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT
34	**SD23-0168-0		TO VS2 ROUTING AND DESCRIPTOR CODES 5740-XY6
			SUPPLEMENT FOR OS/VS2 MVS SPL TO SYSTEM MANAGEMENT FACILITIES
37	**SD23-0169-0	**SN28-4729	(SMF), 5740-XY6
			SUPPLEMENT FOR OS/VS1 and OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT
37	**GD23-0170-0	**GN28-4730	TO DEBUGGING HANDBOOK VOLUME 2, 5740-XY6
			SUPPLEMENT FOR OS/VS1 AND OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT
30	**SD23-0171-0		FOR DEBUGGING HANDBOOK, VOLUME 1, 5740-XY6
			SUPPLEMENT FOR OS/VS1 & OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT,
36	LD23-0172-0	LN28-4704	5740-XY6 TO I/O SUPERVISOR LOGIC, SY26-3823
			SUPPLEMENT FOR OS/VS2 MVS/SYSTEM EXTENSIONS RELEASE 2 VOLUME 5,
40	**GD23-0173-1	**GN28-4798	5740-XE1
		**GN28-4900	SUPPLEMENT FOR OS/VS MESSAGE LIBRARY VS2 SYSTEM MESSAGES TO
40	**GD23-0174-2	**GN28-4901	MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
			SUPPLEMENT FOR OS/VS MESSAGE LIBRARY VS2 SYSTEM CODES TO
40	**GD23-0175-2	**GN28-4908	MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
			SUPPLEMENT FOR OS/VS MESSAGE LIBRARY VS2 ROUTING AND DESCRIPTOR
36	**GD23-0176-2		CODES TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
			SUPPLEMENT FOR MVS/SYSTEM PRODUCT, 5740-XYN, -XYS, TO JOB
36	**GD23-0177-1	**GN28-4761	MANAGEMENT, GC28-0627
			SUPPLEMENT FOR OS/VS2 SYSTEM PROGRAMMING LIBRARY SUPERVISOR TO
37	**GD23-0178-2		MVS/SYSTEM PRODUCT 5740-XYN, -XYS
			SUPPLEMENT FOR OS/VS2 MVS SYSTEM PROGRAMMING LIBRARY SERVICE
36	**GD23-0179-2	**GN28-4913	AIDS TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
			SUPPLEMENT FOR OS/VS2 MVS JCL (CURRENT RELEASE) TO MVS/SYSTEM
37	**GD23-0180-1	**GN28-4796	PRODUCT, 5740-XYN, -XYS
			SUPPLEMENT FOR OS/VS2 SYSTEM PROGRAMMING LIBRARY DEBUGGING
37	**SD23-0181-1	**SN28-4766	HANDBOOK, VOLUME 1 TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
			SUPPLEMENT FOR OS/VS2 SYSTEM PROGRAMMING LIBRARY DEBUGGING
37	**SD23-0182-1	**SN28-4767	HANDBOOK, VOLUME 2 TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
			SUPPLEMENT FOR OS/VS2 SYSTEM PROGRAMMING LIBRARY DEBUGGING
37	**SD23-0183-1		HANDBOOK, VOLUME 2 TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
			SUPPLEMENT FOR OS/VS2 SYSTEM PROGRAMMING LIBRARY: MVS
			DIAGNOSTIC TECHNIQUES TO OS/VS2 MVS/SYSTEM PRODUCTS,
37	**GD23-0184-1	**GN28-4776	5740-XYN, -XYS (CURRENT RELEASE)
			SUPPLEMENT FOR OS/VS2 SYSTEM PROGRAMMING LIBRARY OLTEP TO
36	**LD23-0186-1	**LN28-4903	MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
		**LN28-4909	SUPPLEMENT FOR OS/VS2 MVS SYSTEM LOGIC LIBRARY VOLUME 2 TO
36	**LD23-0187-1	**LN28-4904	MVS/SYSTEM PRODUCT 5740-XYN, -XYS
			SUPPLEMENT FOR OS/VS2 MVS SYSTEM LOGIC LIBRARY TO MVS/SYSTEM
36	**LD23-0188-1	**LN28-4772	PRODUCT 5740-XYN, -XYS
		**LN28-4905	SUPPLEMENT FOR OS/VS2 SYSTEM LOGIC LIBRARY, VOLUME 4 TO
36	**LD23-0189-2		MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
			SUPPLEMENT FOR OS/VS2 SYSTEM LOGIC LIBRARY (CURRENT RELEASE)
36	**LD23-0190-2		VOLUME 5 TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
			SUPPLEMENT FOR OS/VS2 SYSTEM LOGIC LIBRARY (CURRENT RELEASE)
36	**LD23-0191-2		VOLUME 6 TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
			SUPPLEMENT FOR OS/VS2 SYSTEM LOGIC LIBRARY (CURRENT RELEASE)
36	**LD23-0192-1	**LN28-4788	VOLUME 7 TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
			SUPPLEMENT FOR OS/VS2 MVS SYSTEM INITIALIZATION LOGIC TO
30	**LD23-0193-1	**LN28-4787	MVS/SYSTEM PRODUCT 5740-XYN, -XYS
		**LN28-4907	SUPPLEMENT FOR OS/VS2 MVS I/O SUPERVISOR LOGIC TO MVS/SYSTEM
37	**LD23-0194-2		PRODUCT 5740-XYN, -XYS, SY26-3823 (CURRENT RELEASE)
			SUPPLEMENT FOR OS/VS2 MVS SYSTEM PROGRAMMING LIBRARY SERVICE
			AIDS LOGIC (CURRENT RELEASE) TO MVS/SYSTEM PRODUCT, 5740-XYN,
37	**LD23-0195-1		-XYS
			SUPPLEMENT FOR OS/VS2 OLTEP LOGIC TO MVS/SYSTEM PRODUCT,
37	**GD23-0201-2		5740-XYN, -XYS
			SUPPLEMENT FOR OS/VS2 MVS SYSTEM PROGRAMMING LIBRARY
37	**LD23-0202-2		SYS1-LOGREC ERROR RECORDING, VS2 RELEASE 3.7 TO MVS/SYSTEM
			PRODUCT, 5740-XYN, -XYS
34	**GD23-0204-0		SUPPLEMENT FOR OS/VS2 MVS SYS1-LOGREC ERROR RECORDING LOGIC TO
			MVS/SYSTEM PRODUCT, 5740-XYN, -XYS
39	**GD23-0205-0		SUPPLEMENT FOR OS/VS2 MVS DATA FACILITY/DEVICE SUPPORT,
			5740-AM7, TO SYSTEM MANAGEMENT FACILITIES
39	**SD23-0206-0		SUPPLEMENT FOR TSO COMMAND PACKAGE, 5740-XT6, TO OS/VS2 TSO
			TERMINAL MESSAGES
39	**SD23-0207-0		SUPPLEMENT FOR TSO COMMAND PACKAGE, 5740-XT6, TO OS/VS2 TSO
			TERMINAL USER'S GUIDE
39	**SD23-0208-0		SUPPLEMENT FOR TSO COMMAND PACKAGE, 5740-XT6, TO OS/VS2 COMMAND
			LANGUAGE REFERENCE
39	**SD23-0209-0		SUPPLEMENT FOR TSO COMMAND PACKAGE, 5740-XT6, TO OS/VS2 ISC
			GUIDE TO WRITING A TERMINAL MONITOR PROGRAM OR A COMMAND
39	**LD23-0210-0		PROCESSOR
			SUPPLEMENT FOR TSO COMMAND PACKAGE, 5740-XT6, TO OS/VS2 MVS TSO
39	**LD23-0212-0		COMMAND PROCESSOR
			SUPPLEMENT FOR TSO COMMAND PACKAGE, 5740-XT6, TO TSO TERMINAL
			MONITOR PROGRAM AND SERVICE ROUTINES LOGIC
			SUPPLEMENT FOR EDIT TSO COMMAND PACKAGE, 5740-XT6, TO OS/VS2

39	**LD23-0213-0	**LN28-4929		TSO COMMAND PROCESSOR LOGIC VOLUME 2 SUPPLEMENT FOR TSO COMMAND PACKAGE, 5740-XI6 TO OS/V52 TSO COMMAND PROCESSOR LOGIC VOLUME 4
40	**GD23-0214-0			SUPPLEMENT FOR DATA/DEVICE SUPPORT, 5740-AM7, OS/V52 SYSTEM MESSAGES
40	**GD23-0215-0			SUPPLEMENT FOR DATA FACILITY/DEVICE SUPPORT, 5740-AM7, TC OS/V52 MVS ROUTING AND DESCRIPTOR CODES
40	**GD23-0216-0			SUPPLEMENT FOR DATA FACILITY/DEVICE SUPPORT, 5740-AM7, TO OS/V52 MVS SYSTEM CODES
37	**GD23-0217-0			SUPPLEMENT FOR DATA FACILITY/DEVICE SUPPORT, 5740-AM7, TO OS/V52 MVS SERVICE AIDS
34	**GD23-0218-0			SUPPLEMENT FOR DATA FACILITY/DEVICE SUPPORT, 5740-AM7, TO OS/V52 MVS INITIALIZATION AND TUNING GUIDE
40	**GD23-0220-0			SUPPLEMENT FOR DATA FACILITY/DEVICE SUPPORT, 5740-AM7, TO OS/V52 MVS SYSTEM COMMANDS
37	**GD23-0221-0			SUPPLEMENT FOR DATA FACILITY/DEVICE SUPPORT, 5740-AM7, TO OS/V52 DEBUGGING HANDBOOK VOLUME 1
36	**LD23-0222-0			SUPPLEMENT FOR MVS DATA FACILITY/DEVICE SUPPORT, 5740-AM7, TO SYSTEM INITIALIZATION LOGIC
34	**SD23-0225-0			SUPPLEMENT FOR OS/V52 MVS RESOURCE MANAGEMENT FACILITY TO MVS/SYSTEM PRODUCT RELEASE 2, 5740-XYN, 5740-XXS, REFERENCE AND USER'S GUIDE
34	**LD23-0226-0			SUPPLEMENT FOR OS/V52 MVS RESOURCE MEASUREMENT FACILITY (RMP) VERSION 2, RELEASE 4, TO MVS/SYSTEM PRODUCT RELEASE 2, 5740-XYN, 5740-XXS
39	**GD23-0227-0			SUPPLEMENT FOR SYSTEM PRODUCT, 5740-XYN, -XXS TO SYSTEM PROGRAMMING LIBRARY: TSO, GC28-0629
39	**GD23-0228-0			SUPPLEMENT FOR OS/V52 TSO TO COMMAND LANGUAGE REFERENCE
36	**GD23-0229-0			SUPPLEMENT FOR OS/V52 MVS SUPERVISOR SERVICES AND MACRO INSTRUCTIONS TO MVS SYSTEM PRODUCT 5740-XYN, 5740-XXS
30	**LD23-0232-0			OS/V52 MVS DATA FACILITY/DEVICE SUPPORT RELEASE 1 ENHANCEMENTS, LIC PROG 5740-AM7, OS/V52 I/O SUPERVISOR LOGIC
40	**GD23-0233-0			SUPPLEMENT FOR DATA FACILITY EXTENDED FUNCTION, 5740-XYQ, TO V52 SYSTEM MESSAGES, GC38-1002
34	**GD23-0234-0			SUPPLEMENT FOR DATA FACILITY EXTENDED FUNCTION 5740-XXQ TO MVS SYSTEM MANAGEMENT FACILITIES, GC28-1030-2
34	**LD23-0238-0			SUPPLEMENT FOR MVS DATA FACILITY DEVICE SUPPORT 5740-AM7 TO SYSTEM INITIALIZATION LOGIC, LY28-1050
20	SD23-9000-1	SN25-0756		SUPPLEMENT FOR VM/370 SEPP TO INTRODUCTION, 5748-XE1
34	SD23-9001-2	SN25-0778	**SN25-0839	SUPPLEMENT FOR VM/370 SEPP TO PLANNING & SYSTEM GENERATION GUIDE, 5748-XE1
40	SD23-9002-1	SN25-0758	SN25-0771	SUPPLEMENT FOR VM/370 SYSTEM EXTENSIONS TO OPERATORS GUIDE
		SN25-0793	**SN25-0836	RELEASE 6, 5748-XE1
36	SD23-9003-1	SN25-0759	SN25-0786	SUPPLEMENT FOR VM/370 SEPP TO SYSTEM PROGRAMMER'S GUIDE, 5748-XE1
40	SD23-9004-0	**SN25-0831		
		SN25-0433	SN25-0451	SUPPLEMENT FOR VM/370 SEPP, 5748-XE1, TO SYSTEM MESSAGES, GC20-1808
		SN25-0460		
37	SD23-9005-1	SN25-0760		SUPPLEMENT FOR VM/370 SEPP OLISEP AND ERRCR RECORDING GUIDE, 5748-XEP
40	SD23-9006-0			SUPPLEMENT FOR SYSTEM EXTENSIONS TO VM/370 TERMINAL USER'S GUIDE, PROG PROD 5748-XE1
36	**SD23-9008-2			SUPPLEMENT FOR VM/370 SYSTEM EXTENSIONS TO CMS COMMANDS AND MACRO REFERENCE 5748-XE1 (CURRENT RELEASE)
39	SD23-9009-1	**SN25-0828		SUPPLEMENT FOR VM/370 SYSTEM EXTENSIONS TO CMS USER'S GUIDE, 5748-XE1
36	**SD23-9010-2			SUPPLEMENT FOR VM/370 SYSTEM EXTENSIONS TO GENERAL USERS GUIDE, PROG PROD 5748-XE1
34	SD23-9011-1	SN25-0762	**SN25-0842	SUPPLEMENT FOR VM/370 SYSTEM EXTENSIONS TO OPERATING SYSTEMS IN A VIRTUAL MACHINE, 5748-XE1
36	LD23-9012-0	LN25-0436	LN25-0462	SUPPLEMENT FOR VM/370 SYSTEM EXTENSIONS TO VM/370 DATA AREAS AND CONTROL BLOCK LOGIC, PROG PROD 5748-XE1
36	LD23-9013-0			SUPPLEMENT FOR VM/370 SYSTEM EXTENSIONS TO SYSTEM LOGIC AND PROBLEM DETERMINATION VOL 2, 5748-XE1
36	LD23-9014-0	LN25-0447	LN25-0471	SUPPLEMENT FOR VM/SE TO VM/370 SYSTEM LOGIC AND PROBLEM DETERMINATION GUIDE VOL 1, 5748-XE1
20	SD23-9015-1	SN25-0498		SUPPLEMENT FOR VM/370 BSEPP TO VM/370 INTRODUCTION, 5748-XX8
34	SD23-9016-2	SN25-0777	**SN25-0838	SUPPLEMENT FOR VM/370 BSEPP TO VM/370 PLANNING AND SYSTEM GENERATION GUIDE, 5748-XX8
40	SD23-9017-1	SN25-0500	SN25-0767	SUPPLEMENT FOR VM/370 BSEPP, 5748-XX8, TO OPERATOR'S GUIDE
		SN25-0792	**SN25-0835	
36	SD23-9018-1	SN25-0750	SN25-0785	SUPPLEMENT FOR VM/370 BSEPP TO VM/370 SYSTEM PROGRAMMER'S GUIDE, 5748-XX8
40	SD23-9019-1	**SN25-0830		
37	SD23-9020-1	SN25-0751		SUPPLEMENT FOR VM/370 BSEPP TO VM/370 SYSTEM MESSAGES, 5748-XX8 SUPPLEMENT FOR VM/370 BSEPP TO VM/370 OITSEP AND ERROR RECORDING GUIDE, 5748-XX8
40	SD23-9021-0			SUPPLEMENT FOR VM/370 BSEPP, LIC PROG 5748-XX8, TO TERMINAL USER'S GUIDE
36	**SD23-9023-2			SUPPLEMENT FOR VM/370 BSEPP TO VM/370 CMS COMMAND AND MACRO REFERENCE, 5748-XX8
39	SD23-9024-1	**SN25-0827		SUPPLEMENT FOR VM/370 BSEPP TO CMS USER'S GUIDE, 5748-XX8
36	**SD23-9025-2			SUPPLEMENT FOR VM/370 BSEPP TO VM/370 CP COMMAND REFERENCE FOR GENERAL USERS, 5748-XX8
34	SD23-9026-1	**SN25-0841		SUPPLEMENT FOR VM/370 BSEPP TO VM/370 OPERATING SYSTEMS IN A VIRTUAL MACHINE, 5748-XX8
36	LD23-9027-0	LN25-0437	LN25-0469	SUPPLEMENT FOR VM/370 BSEPP TO DATA AREAS AND CONTROL BLOCK LOGIC, 5748-XX8
36	LD23-9028-0			SUPPLEMENT FOR VM/370 BSEPP TO SYSTEM LOGIC AND PROBLEM DETERMINATION GUIDE VOLUME 2, 5748-XX8
36	LD23-9029-0	LN25-0448	LN25-0468	SUPPLEMENT FOR VM/370 BSEPP TO SYSTEM LOGIC AND PROBLEM DETERMINATION GUIDE VOLUME 1, 5748-XX8
37	LD23-9030-0	LN25-0797		SUPPLEMENT FOR VM/370 BSEPP, 5748-XX8, TO SERVICE ROUTINES PROGRAM LOGIC
36	LD23-9031-0	LN25-0754	LN25-0789	SUPPLEMENT FOR VM/370 BSEPP, 5748-XX8, TO DATA AREAS AND CONTROL BLOCK LOGIC
36	LD23-9032-0	LN25-0755	LN25-0780	SUPPLEMENT FOR VM/370 BSEPP, 5748-XX8, TO SYSTEM LOGIC LIBRARY

36	LD23-9033-0	**LN25-0844 LN25-0782		& PROBLEM DETERMINATION GUIDE VOLUME 1 SUPPLEMENT FOR VM/370 BSEPP SYSTEM LOGIC AND PROBLEM DETERMINATION GUIDE (VOLUME 2), 5748-XX8
37	LD23-9034-0	LN25-0798		SUPPLEMENT FOR VM/370 SEPP SERVICE ROUTINES TO LOGIC, 5748-XE1
36	LD23-9035-0	LN25-0763	LN25-0790	SUPPLEMENT FOR VM/370 SEPP TO DATA AREAS AND CONTROL BLOCK LOGIC
36	LD23-9036-0	LN25-0764	LN25-0781	SUPPLEMENT FOR VM/370 TO SEPP SYSTEM LOGIC AND PROBLEM DETERMINATION GUIDE VOL 1, 5748-XE1
36	LD23-9037-0	**LN25-0845 LN25-0783		SUPPLEMENT FOR VM/370 SEPP SYSTEM TO LOGIC AND PROBLEM DETERMINATION GUIDE VOL 2, 5748-XE1
36	SD25-0006-0			SUPPLEMENT FOR SU20 TO VS1 IPL & NIP LOGIC: 3031, 3032, & 3 PROCESSOR SUPPORT, 5741-620
37	SD25-0007-0			SUPPLEMENT FOR SU20 TO VS1 RECOVERY MANAGEMENT SUPPORT LOGIC 3031, 3032, & 3033 PROCESSOR SUPPORT, 5741-620
36	SD25-0008-0			SUPPLEMENT FOR SU20 TO VS1 SYSTEM DATA AREAS: 3031, 3032, & PROCESSOR SUPPORT, 5741-620
36	SD25-0009-0			SUPPLEMENT FOR SU20 TO VS1 SUPERVISOR LOGIC: 3031, 3032, & PROCESSOR SUPPORT, 5741-620
30	LD25-0012-0			SUPPLEMENT FOR DOS/VSE ADVANCED FUNCTIONS TO DOS/VSE LIOCS VOL 1: GENERAL INFORMATION AND IMPERATIVE MACROS LOGIC (SY33-8559-4), 5746-XE8
34	GD25-0013-0			SUPPLEMENT FOR SU20 TO OS/VS1 SYSTEM GENERATION REFERENCE: OS/VS1 3031, 3032, 3033 PROCESSOR SUPPRT, 5741-620
36	LD25-0014-1			SUPPLEMENT FOR VS1 & MVS PROGRAMMED CRYPTOGRAPHIC FACILITY, 5740-XY5, TO VS1 SYSTEM DATA AREAS
38	SD25-0019-0			SUPPLEMENT FOR OS/VS1 RES ENHANCED FUNCTION TO OS/VS1 RES WORKSTATION USER'S GUIDE, GC28-6879-3, 5740-XYE
38	SD25-0020-1			SUPPLEMENT FOR OS/VS1 RES ENHANCED FUNCTION TO OS/VS1 RES SYSTEM PROGRAMMER'S GUIDE, GC28-6878-4, 5740-XYE
30	LD25-0021-0			SUPPLEMENT FOR OS/VS1 RES ENHANCED FUNCTION TO OS/VS1 RES RTAM AND WORKSTATION SUPPORT LOGIC, SY28-6849-4, 5740-XYE PROGRAM LOGIC
30	LD25-0023-0			SUPPLEMENT FOR VSE/ADVANCED FUNCTIONS, 5746-XE8, TO DOS/VSE LIOCS VOL 2: SAM LOGIC
30	LD25-0026-0			SUPPLEMENT FOR VSE/ADVANCED FUNCTIONS TO DOS/VSE FIXED BLOCK ARCHITECTURE LIOCS, 5746-XE8, (SY24-5181-0)
36	**LD25-0029-0			SUPPLEMENT FOR OS/VS1 JOB MANAGEMENT LOGIC VOLUME 1 TO OS/VS1 BASIC PROGRAMMING EXTENSIONS, 5662-257 (CURRENT RELEASE
36	**LD25-0030-0			SUPPLEMENT FOR OS/VS1 JOB MANAGEMENT LOGIC VOLUME 2 TO OS/VS1 BASIC PROGRAMMING EXTENSIONS, 5662-257 (CURRENT RELEASE)
36	**SD25-0031-0			SUPPLEMENT FOR BASIC PROGRAMMING EXTENSICNS TO OS/VS1 JCL REFERENCE, 5662-257 (CURRENT RELEASE
36	**SD25-0032-0			SUPPLEMENT FOR BASIC PROGRAMMING EXTENSICNS TO OS/VS1 JCL SERVICES, 5662-257
36	**LD25-0033-0			SUPPLEMENT FOR BASIC PROGRAMMING EXTENSICNS TO OS/VS1 SYSTEM DATA AREAS, 5662-257
34	**SD25-0034-0			SUPPLEMENT FOR BASIC PROGRAMMING EXTENSICNS TO OS/VS1 SYSTEM GENERATION REFERENCE 5662-257 (CURRENT RELEASE)
36	**LD25-0035-0			SUPPLEMENT FOR BASIC PROGRAMMING EXTENSIONS TO OS/VS1 IPL AND NIP LOGIC, 5662-257 (CURRENT RELEASE)
37	**SD25-0036-0			SUPPLEMENT FOR BASIC PROGRAMMING EXTENSICNS TO OS/VS1 SERVICE AIDS, 5662-257 (CURRENT RELEASE)
37	**LD25-0037-0			SUPPLEMENT FOR BASIC PROGRAMMING EXTENSICNS, TO OS/VS1 SERVICE AIDS LOGIC, 5662-257 (CURRENT RELEASE)
34	**SD25-0038-0			SUPPLEMENT FOR BASIC PROGRAMMING EXTENSICNS TO OS/VS1 SYSTEM MANAGEMENT FACILITIES, 5662-257 (CURRENT RELEASE)
34	**SD25-0039-0			SUPPLEMENT FOR BASIC PROGRAMMING EXTENSICNS, 5662-257 (CURRENT RELEASE), TO OS/VS1 STORAGE ESTIMATES, GC24-5094-7
40	**SD25-0041-0			SUPPLEMENT FOR BASIC PROGRAMMING EXTENSICNS TO OPERATOR'S LIBRARY: OS/VS1 REFERENCE, 5662-257 (CURRENT RELEASE)
36	**SD25-0042-0			SUPPLEMENT FOR BASIC PROGRAMMING EXTENSICNS TO OS/VS1 PROGRAMMER'S REFERENCE DIGEST, 5662-257
37	**SD25-0043-0			SUPPLEMENT FOR BASIC PROGRAMMING EXTENSICNS TO OS/VS1 DEBUGGING GUIDE, 5662-257 (CURRENT RELEASE)
34	**SD25-0044-0			SUPPLEMENT FOR BASIC PROGRAMMING EXTENSICNS, RELEASE 1 TO OS/VS1 PLANNING AND USE GUIDE, 5662-257
36	**LD25-0045-0			SUPPLEMENT FOR BASIC PROGRAMMING EXTENSICNS 5665-257 TO OS/V SUPERVISOR LOGIC, SY24-5155 (CURRENT RELEASE)
30	**LD25-0046-0			SUPPLEMENT FOR BASIC PROGRAMMING EXTENSICNS TO OS/VS1 I/O SUPERVISORY LOGIC, 5662-257 (CURRENT RELEASE)
37	SD25-0600-0			SUPPLEMENT FOR SU51 TO MVS SYS1. LOGREC ERROR RECORDING LOGI MVS PROCESSOR SUPPORT, 5752-851
37	GD25-0601-0			SUPPLEMENT FOR SU51 TO SYS1. LOGREC ERROR RECORDING: MVS PROCESSOR SUPPORT, 5752-851
37	SD25-0602-0			SUPPLEMENT FOR SU20 TO VS1 SYS1. LOGREC ERROR RECORDING LOGIC: 3031, 3032, & 3033 PROCESSOR SUPPORT, 5741-620
37	GD25-0603-0			SUPPLEMENT FOR SU20 TO VS1 SYS1. LOGREC ERROR RECORDING: 3031, 3032, & 3033 PROCESSOR SUPPORT, 5741-620
37	SD25-0604-0			SUPPLEMENT FOR SU68 TO MVS SYS1. LOGREC ERROR RECORDING LOGIC: DEMF, 5752-868
37	GD25-0605-0			SUPPLEMENT FOR SU68 TO MVS SYS1. LOGREC ERROR RECORDING: DEMF, 5752-868
37	SD25-0606-0			SUPPLEMENT FOR SU24 TO VS1 SYS1. LOGREC ERROR RECORDING LOGIC: OS/VS DEMF, 5741-624
37	GD25-0607-0			SUPPLEMENT FOR SU24 TO VS1 SYS1. LOGREC ERROR RECORDING: DEMF, 5741-624
37	SD25-0609-0	SN28-4746		SUPPLEMENT FOR SU64 TO MVS SYS1. LOGREC ERROR RECORDING LOGIC: MVS PROCESSOR SUPPORT 2, 5752-864
36	LD26-6000-0			SUPPLEMENT FOR MVS/SE, 5740-XE1, TO MVS CHECKPOINT/ RESTART LOGIC
36	LD26-6004-0			SUPPLEMENT FOR SAM-E, 5740-AM3, TO MVS CHECKPOINT/RESTART IO
30	LD26-6005-0			SUPPLEMENT FOR SAM-E, 5740-AM3, TO OS/VS2 VIO LOGIC
30	SD26-6006-0			SUPPLEMENT FOR SAM-E, 5740-AM3, TO MVS DATA MANAGEMENT MACRO INSTRUCTIONS
30	LD26-6009-0			SUPPLEMENT FOR AMS CRYPTOGRAPHIC OPTION TO OS/VS2 ACCESS METHOD

30	LD26-6010-0	SERVICES LOGIC, 5740-AM8 SUPPLEMENT FOR AMS CRYPTOGRAPHIC OPTION TO OS/VSI ACCESS METHOD
30	SD26-6011-0	SERVICES LOGIC, 5740-AM8 SUPPLEMENT FOR OS/VSI VSAM OPTIONS FOR ADVANCED APPLICATIONS,
30	LD26-6013-0	5740-XYG SUPPLEMENT FOR MSSE TO MVS ACCESS METHOD SERV LOGIC, 5740-XYG
30	LD26-6014-0	SUPPLEMENT FOR OS/VSI ACCESS METHOD SERVICES LOGIC, 5740-XYG
30	GD26-6017-0	SUPPLEMENT FOR MVS 3800 ENHANCEMENTS MVS DATA MANAGEMENT
30	GD26-6018-0	SUPPLEMENT FOR MVS 3800 ENHANCEMENTS MVS DATA MANAGEMENT MACRO INSTRUCTIONS
30	GD26-6021-0	SUPPLEMENT FOR OS/VSI DATA MANAGEMENT FOR SYSTEM PROGRAMMERS
30	GD26-6022-0	SUPPLEMENT FOR OS/VSI DATA MANAGEMENT PCR MACRO INSTRUCTIONS
30	GD26-6023-0	SUPPLEMENT FOR OS/VSI DATA MANAGEMENT TO SERVICES GUIDE
30	**LD26-6025-0	SUPPLEMENT FOR MVS DATA FACILITY/DEVICE SUPPORT, 5740-AM7, OS/VSI OPEN/CLOSE/EOV LOGIC
32	**LD26-6026-0	SUPPLEMENT FOR DATA FACILITY/DEVICE SUPPORT, 5740-AM6 AND 5740-AM7, TO OS/VSI UTILITIES LOGIC
34	**GD26-6027-0	SUPPLEMENT FOR MVS/SP, 5740-XYN AND 5740-XYM, TO SYSTEM GENERATION REFERENCE
29	**SD26-6029-0	SUPPLEMENT FOR DOS PL/I OPTIMIZING COMPILER 5736-PI1, -LM4, -LM5, -PL3, TO INSTALLATION, SC33-0020
30	**LD26-6031-0	SUPPLEMENT TO OS/VSI VSAM LOGIC FOR DATA FACILITY DEVICE SUPPORT 5740-AM7
30	**LD26-6032-0	SUPPLEMENT FOR DATA FACILITY EXTENDED FUNCTION 5740-XYC TO OS/VSI VSAM LOGIC, SY26-3825
30	**LD26-6033-0	SUPPLEMENT FOR AMS CRYPTOGRAPHIC OPTION 5740-AM8 TO AMS LOGIC LY28-3888
32	**LD26-6034-0	SUPPLEMENT FOR DATA FACILITY EXTENDED FUNCTION 5740-XYC TO OS/VSI UTILITIES LOGIC, SY35-0005
36	**LD26-6035-0	SUPPLEMENT TO OS/VSI CHECKPOINT/RESTART LOGIC FOR DATA FACILITY DEVICE SUPPORT, 5740-AM7
30	**LD26-6037-0	SUPPLEMENT TO OS/VSI SAM-EXTENDED LOGIC FOR DATA FACILITY DEVICE SUPPORT, 5740-AM7
85	**GE19-5207-2	IMPROVED PROGRAMMING TECHNOLOGIES REFERENCE CARD STRUCTURED PROGRAMMING
85	**GE19-5234-2*	IBM DP SYSTEMS HANDBOOK
85	GE19-5265-0*	IBM SYSTEMS NETWORK ARCHITECTURE GENERAL INFORMATION AND MAINTENANCE AIDS HANDBOOK
85	**GE19-5302-0	JES3 INSTALLATION GUIDE: INSTALLATION MANAGEMENT
85	**GE20-0312-2	PREFACE TO PL/I PROGRAMMING IN SCIENTIFIC COMPUTING
04	GE20-0599-0	3895 DEPOSIT PROCESSING SYSTEM INPUT CONTRCL PROCEDURES
04	GE20-0633-2	3895 DEPOSIT PROCESSING SYSTEM WORK STATION PROCEDURES
00	GF20-8172-15	SYSTEMS MANAGEMENT BIBLIOGRAPHY
30	LGF6-0101-0	OS/VSI MASS STORAGE SYSTEM EXTENSIONS, LIC PROG 5740-XYG, MICROFICHE LISTINGS
30	LGF6-0102-0	MASS STORAGE SYSTEM EXTENSIONS, LIC PROG 5740-XYG, MICROFICHE LISTINGS
30	LGF6-0103-0	HIERARCHICAL STORAGE MANAGER, LIC PROG 5740-XRB, OS/VSI MVS RELEASE 3.8, LISTINGS
50	**LGF6-0104-1	IMS/VSI DATA BASE RECOVERY CONTROL, LIC PROG 5740-XX2 VERSION 1 RELEASE 2
85	**GG22-9018-1	VSI TO MVS CONVERSION PLANNING GUIDE
85	**GG22-9020-1	**GN28-0009 3031, 3032, 3033 PROCESSOR COMPLEX CHANNEL CONFIGURATION GUIDELINES
85	**GG22-9023-4	AN MVS TUNING PERSPECTIVE
85	GG22-9029-0	MVS SYSTEM EXTENSIONS RELEASE 2 PRODUCT PRESENTATION
85	**GG22-9044-0	SYSTEMS MODIFICATION PROGRAM RELEASE 4 (SMF-4) CONSIDERATIONS
85	**GG22-9045-0	VM-USAGE CAPACITY PLANNING
85	GG22-9048-0	OS/VSI VSAM RECOVERY GUIDE
85	GG22-9050-0	MSS CAPACITY PLANNING
85	GG22-9152-0	303X TESTING USING A S/370
85	**GG22-9156-0	THE AVAILABILITY MANAGER - AN APPROACH TO IMPROVING DP SYSTEMS AVAILABILITY
85	GG22-9200-0	JES3 - A PRIMER
85	**GG22-9204-0	RECOVERY FROM MSS INVENTORY AND TABLE MISMATCHES
85	**GG22-9207-0	JES2 INTERNAL READER PROCESSING
85	**GG22-9208-0	**GN28-0008 VM/SP PERFORMANCE
85	**GG22-9210-0	3033 MP/AP INSTALLATION NOTEBOOK
85	**GG22-9212-0	VM/SP MP AND ENHANCED AP SUPPORT
85	**GG22-9216-0	DEVICE SUPPORT FACILITIES: CAPABILITIES AND USAGE
85	**GG22-9218-0	MVS/SYSTEM PRODUCT RELEASE 3 FUNCTION AND PERFORMANCE OVERVIEW
85	**GG22-9220-0	THE JES2 CHECKPOINT MECHANISM
85	**GG22-9221-0	FORMATTING SCRIPT DOCUMENTS FROM THE 6670
85	**GG22-9222-0	MVS/SYSTEM PRODUCT RELEASE 1 INSTALLATION GUIDE
85	**GG22-9223-0	DATA FACILITY/DEVICE SUPPORT INSTALLATION AND MIGRATION GUIDE
85	**GG22-9224-0	MSS RECOVERY HANDBOOK
85	**GG22-9225-0	OSI AND SNA: A PERSPECTIVE
85	**GG24-1508-0	MVS SYSTEM EXTENSIONS RELEASE 2 INSTALLATION GUIDE
50	**GG24-1509-0	SNA PRODUCTS - INSTALLATION GUIDE - ACF/VTAM RELEASE 2
85	**GG24-1515-0	IMS/VSI VERSION 1 (1.1.5) RECOVERY/RESTART
34	GG24-1516-0	MVS/SYSTEM EXTENSIONS TUNING COOKBOOK
85	GG24-1518-0	IMS/VSI VSAM INTERFACE
85	GG24-1519-1	SMALL COMMUNICATIONS SYSTEMS INSTALLATION PRIMER - IBM 4331, ACF/VTAME
85	**GG24-1524-0	DOS TO MVS MIGRATION GENERAL INFORMATION
85	**GG24-1526-0	DOS TO MVS SAMPLE MIGRATION EVENTS AND ACTIVITIES
85	**GG24-1527-0	DOS TO MVS MIGRATION PROJECT MANAGERS GUIDE
85	**GG24-1528-0	DOS TO MVS SAMPLE CONVERSION TEAM USER'S GUIDE
85	**GG24-1530-0	IMS PRIMER FOR CICS/VSI USERS
85	**GG24-1531-0	IMS/VSI PRIMER FOR CICS/VSI USERS SAMPLE LISTING
85	**GG24-1532-0	IMS/VSI PRIMER FOR CICS/VSI USERS OPERATING GUIDE
50	GH09-0052-0	GIS DOS/VSI PRPQ SPECIFICATION SHEET, PROG 5799-ALX
36	GH12-5031-0	VSE/POWER, LIC PROG 5746-XE3, REMOTE JOB ENTRY FEATURE DESIGN OBJECTIVES (CURRENT RELEASE)
38	GH12-5044-0	JOB ENTRY PROGRAM AND FILE TRANSFER PROGRAM, LIC PROG 5746-XE6,

30	GH12-5045-0			5748-XE6, DESIGN OBJECTIVES (CURRENT RELEASE) VSE/ACCESS CONTROL LOGGING AND REPORTING, LIC PROG 5746-XE7 DESIGN OBJECTIVES (CURRENT RELEASE)
36	GH12-5046-0			VSE/POWER REMOTE JOB ENTRY AND SHARED SPCOLING, LIC PROG 5746-XE3, DESIGN OBJECTIVES (CURRENT RELEASE)
50	GH12-5115-2			DL/I-ENTRY DOS/VS, LIC PROG 5746-XX7, GENERAL INFORMATION
50	GH12-5122-0			IMS DATA BASE ANALYZER (OS/VS), LIC PROG 5740-XXR, GENERAL INFORMATION (CURRENT RELEASE)
36	GH12-5128-2			VSE/POWER, LIC PROG 5746-XE3, GENERAL INFORMATION (CURRENT RELEASE)
38	GH12-5129-1			S/370 & 4300 PROCESSORS, JOB ENTRY PROGRAM, LIC PROG 5746-XE6, & FILE TRANSFER PROGRAM, LIC PROG 5748-XE6, GENERAL INFORMATION
30	GH12-5130-0			VSE/ACCESS CONTROL LOGGING AND REPORTING, LIC PROG 5746-XE7, GENERAL INFORMATION (CURRENT RELEASE)
36	GH12-5131-2			VSE/POWER, LIC PROG 5746-XE3, GENERAL INFORMATION (CURRENT RELEASE)
50	GH12-5233-0			S/370 IMS/VS DATA BASE ANALYZER (OS/VS), LIC PROG 5740-XXR, SPECIFICATIONS
36	GH12-5235-0			S/370 & 4300 PROCESSORS, VSE/POWER & VSE/POWER REMOTE JOB ENTRY FEATURE, REL 1.0, LIC PROG 5746-XE3, SPECIFICATIONS
38	GH12-5240-0			JOB ENTRY PROGRAM, LIC PROG 5746-XE6, SPECIFICATIONS (CURRENT RELEASE)
30	GH12-5241-0			VSE/ACCESS CONTROL LOGGING AND REPORTING, LIC PROG 5746-XE7, SPECIFICATIONS (CURRENT RELEASE)
36	**GH12-5242-1			VSE/POWER REMOTE JOB ENTRY AND SHARED SPCOLING FEATURE, LIC PROG 5746-XE3, SPECIFICATIONS (CURRENT RELEASE)
38	GH12-5245-0			FILE TRANSFER PROGRAM, LIC PROG 5748-XE6, SPECIFICATIONS (CURRENT RELEASE)
50	SH12-5317-1	SN12-5162		IMS/VS DATA BASE ANALYZER (OS/VS), LIC PROG 5740-XXR, USER'S GUIDE (CURRENT RELEASE)
36	SH12-5328-0	SN12-5154	SN12-5164	S/370 & 4300 PROCESSORS, VSE/POWER REMOTE JOB ENTRY, LIC PROG 5746-XE3, FEATURES 6066-6071, USER'S GUIDE
36	SH12-5329-1	SN12-5187		S/370 & 4300 PROCESSORS, VSE/POWER, LIC PROG 5746-XE3, INSTALLATION & OPERATIONS GUIDE (CURRENT RELEASE)
36	SH12-5330-0	SN12-5166	**SN12-5188	S/370 & 4300 PROCESSORS VSE/POWER SHARED SPOOLING, LIC PROG 5746-XE3, REFERENCE GUIDE (CURRENT RELEASE)
38	SH12-5331-0	**SN12-5178		JOB ENTRY PROGRAM AND FILE TRANSFER PROGRAM, LIC PROG 5746-XE6, 5748-XE6, REFERENCE AND OPERATIONS (CURRENT RELEASE)
30	**SH12-5334-0*			NETWORK TRANSACTION SUBSYSTEM, LIC PROG 5799-BER, PROGRAM REFERENCE AND OPERATIONS
30	SH12-5336-0			VSE/ACCESS CONTROL LOGGING AND REPORTING, LIC PROG 5746-XE7 PROGRAM REFERENCE AND OPERATIONS (CURRENT RELEASE)
50	SH12-5411-4	SN24-5630		DL/I DOS/VS, LIC PROG 5746-XX1, APPLICATION PROGRAMMING REFERENCE MANUAL
50	SH12-5412-5	SN24-5658	**SN24-5683	DL/I DOS/VS, LIC PROG 5746-XX1, UTILITIES & GUIDE FOR THE SYSTEM PROGRAMMER
50	SH12-5413-4	SN24-5631	**SN24-5684	DL/I DOS/VS, LIC PROG 5746-XX1, SYSTEM/APPLICATION DESIGN GUIDE
50	SH12-5414-6			DL/I DOS/VS, LIC PROG 5746-XX1, MESSAGES/CODES
50	SH12-5415-1	SN12-5081	SN12-5116	DL/I-ENTRY DOS/VS, LIC PROG 5746-XX7, APPLICATION PROGRAMMING REFERENCE MANUAL
50	SH12-5417-2	SN12-5125		DL/I-ENTRY, LIC PROG 5746-XX7, APPLICATION PROGRAMMER'S REFERENCE SUMMARY
50	SH12-5418-2			DL/I-ENTRY, UTILITIES REFERENCE SUMMARY
50	SH12-5420-1			DL/I-ENTRY DOS/VS LOW-LEVEL CODE/CONTINUITY CHECK FEATURE, LIC PROG 5746-XX7, REFERENCE/OPERATIONS
36	SH12-5434-0			VSE/POWER REFERENCE SUMMARY, REMOTE PROCESSING, REL 1.0, LIC PROG 5746-XE3, FEATURES 6066-6071, REFERENCE CARD
36	SH12-5435-1			VSE/POWER LOCAL PROCESSING, LIC PROG 5746-XE3 FEATURES 6066-6071, 6075-6079 REFERENCE SUMMARY (CURRENT RELEASE)
36	SH12-5520-1			VSE/POWER, LIC PROG 5746-XE3 FEATURES 6066-6071 MESSAGES (CURRENT RELEASE)
39	SH18-0007-0			TSO 3270 PRINTER SUPPORT PROGRAMMING RPQ U946866 DESCRIPTION AND OPERATION MANUAL PROGRAM NUMBER 5799-ALB
50	GH19-0082-1			GENERALIZED INFORMATION SYSTEM DOS/VS, LIC PROG 5799-ALX, GENERAL INFORMATION PRPQ 8T0139
50	GH19-0084-1			GENERALIZED INFORMATION SYSTEM DOS VS, EXECUTIVE QUERY, LIC PROG 5799-ALX, REFERENCE PRPQ 8T0139
50	SH19-0086-0			GENERALIZED INFORMATION SYSTEM DOS/VS, LIC PROG 5799-ALX, LANGUAGE REFERENCE
50	SH19-0087-0			GENERALIZED INFORMATION SYSTEM DOS/VS, LIC PROG 5799-ALX, SYSTEM PROGRAMMER'S REFERENCE
50	SH19-0088-0			GENERALIZED INFORMATION SYSTEM DOS/VS, LIC PROG 5799-ALX, MESSAGES & CODES
50	GH19-0094-0			GENERALIZED INFORMATION SYSTEM DOS/VS, LIC PROG 5799-ALX, USER'S GUIDE
50	GH19-6044-0			TERMINAL BUSINESS SYSTEM/VS TO CICS/VS CONVERSION GUIDE
50	SH19-6045-1*	SN19-6682		TERMINAL BUSINESS SYSTEM V/S ANALYST'S GUIDE, RELEASE 9.3
50	**SH19-6046-3			TERMINAL BUSINESS SYSTEM/VS APPLICATION PROGRAMMER'S REFERENCE MANUAL
50	GH19-6047-0			TERMINAL BUSINESS SYSTEM/VS TO IMS/VS CONVERSION GUIDE
29	SH19-6048-0			INTERNATIONAL FIELD PROGRAM VS PERSONAL COMPUTING PL/I, LIC PROG 5785-EAB, USER'S GUIDE
29	SH19-6049-1			INTERNATIONAL FIELD PROGRAM VS PERSONAL COMPUTING PL/I, LIC PROG 5785-EAB, LANGUAGE REFERENCE
39	**SH19-6050-1*			VS PERSONAL COMPUTING (VSPC) FOR DATA CENTER SERVICES: ONLINE CENTRE SERVICES TERMINAL USER'S GUIDE
30	**SH19-6052-1*			X25 PACKET SWITCHING ATTACHMENT FOR NETWORK CONTROL PROGRAM/VS VERSION 5, 5799-ARJ, PROGRAMMING RPQZA4239 FOR DATAPAC/TRANSPAC PROGRAMMING RPQXD2060 FOR NEW, DESCRIPTION/OPERATIONS
23	SH19-6053-0			VS PERSONAL COMPUTING FOR DCS: BASIC LANGUAGE CONVERSION PROGRAM USER'S GUIDE
85	GH19-6054-0			IBM PROGRAMMING PRODUCTIVITY SERVICE: CVERVIEW
85	SH19-6055-2			IBM PROGRAMMING PRODUCTIVITY SERVICE USER'S GUIDE

39	SH19-6069-2		VS PERSONAL COMPUTING FOR DCS: CONVERSION GUIDE FOR USERS
32	GH19-6070-0		VSE/DATA INTERFILE TRANSFER, TESTING & OPERATIONS UTILITY, REL 1, LIC PROG 5746-UT3, DESIGN OBJECTIVES
32	**GH19-6071-1		VSE/DITTO, LIC PROG 5746-UT3, SPECIFICATIONS (CURRENT RELEASE)
32	**GH19-6072-1		VSE/DITTO, LIC PROG 5746-UT3, GENERAL INFORMATION (CURRENT RELEASE)
32	**SH19-6073-1		VSE/DITTO, LIC PROG 5746-UT3, PROGRAM REFERENCE AND OPERATIONS (CURRENT RELEASE)
50	GH19-6074-0		SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM, RELEASE 1 MODIFICATION LEVEL 0, LIC PROG 5740-XYF, 5746-XXI, DESIGN OBJECTIVES
50	GH19-6075-0		SCREEN DEFINITION FACILITY/CICS, RELEASE 1 MODIFICATION LEVEL 0, LIC PROG 5740-XYF, 5746-XXI, SPECIFICATIONS
50	GH19-6076-0		SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM, LIC PROG 5740-XYF, 5746-XXI, GENERAL INFORMATION
50	**SH19-6077-1	**SN19-6354	SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM, LIC PROG 5740-XYF, 5746-XXI, REFERENCE
50	**SH19-6078-1	**SN19-6355	SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM, LIC PROG 5740-XYF, OPERATIONS GUIDE
50	**SH19-6085-0		SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM, LIC PROG 5740-XYF, 5746-XXI MESSAGES AND CODES
50	GH19-6087-0		SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM LIC PROG 5740-XYF, 5746-XXI GENERAL INFORMATION
50	GH19-6088-0		SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM LIC PROG 5740-XYF, 5746-XXI DESIGN OBJECTIVES
50	**GH19-6090-0		SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM RELEASE 2, LIC PROG 5740-XYF, 5746-XXI, SPECIFICATIONS
50	SH19-6133-0*		ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM (ELIAS), LIC PROG 5799-AYZ, APPLICATION DESIGN GUIDE
34	SH19-6134-0*		ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM (ELIAS), LIC PROG 5799-AYZ PRPQ X99906, DB/DC DEBUGGING GUIDE
34	SH19-6135-0*		ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM (ELIAS), LIC PROG 5799-AYZ PRPQ X99906, SAMPLE HANDBOOK
34	SH19-6136-0*		ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM (ELIAS), LIC PROG 5799-AYZ PRPQ X99906: APPLICATION PROGRAMMER'S GUIDE
50	SH19-6137-0*		ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM PROGRAMMING RPQ X99906: LIC PROG 5799-AYZ, TERMINAL USER'S GUIDE
50	SH19-6138-0*		ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM, LIC PROG 5799-AYZ PRPQ X99906, SYSTEM HANDBOOK
34	SH19-6139-0*		ENTRY LEVEL INTERACTIVE APPLICATION, LIC PROG 5799-AYZ PRPQ X99906: OPERATOR'S GUIDE
50	SH19-6140-0*		ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM PROGRAMMING RPQ X99906, LIC PROG 5799-AYZ, PROBLEM DETERMINATION GUIDE
34	GH19-6142-0		ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM ELIAS, LIC PROG 5799-AYZ PRPQ X99906, AND ELIAS SYSTEM INSTALLATION PRODUCTIVITY OPTION (SIPO), LIC PROG 5750-AYZ (SIPO), DESIGN OBJECTIVES
34	GH19-6143-0*		ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM AND SYSTEM INSTALLATION PRODUCTIVITY OPTIONS, LIC PROG 5799-AYZ, 5750-AYZ CUSTOMER INFORMATION BULLETIN
50	GH19-6144-0		ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM ELIAS AND SYSTEM INSTALLATION PRODUCTIVITY OPTION, LIC PROG 5799-AYZ (PRPQ), 5750-AYZ (SIPO)
50	GH19-6157-1		ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE (ELIAS-I) LIC PROG 5746-XXV, GENERAL INFORMATION
50	SH19-6158-0	SN19-6659	ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE, LIC PROG 5746-XXV, ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE/VIRTUAL MACHINE, LIC PROG 5748-XXX, APPLICATION DESIGN GUIDE (CURRENT RELEASE)
50	SH19-6159-0	SN19-6660	ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE, LIC PROG 5746-XXV ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE/VIRTUAL MACHINE, LIC PROG 5748-XXX COBOL COBOL APPLICATION PROGRAMMER'S GUIDE (CURRENT RELEASE)
50	SH19-6160-0	SN19-6661	ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE, LIC PROG 5746-XXV, ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE/VIRTUAL MACHINE, LIC PROG 5748-XXX, PL/I PL/I APPLICATION PROGRAMMER'S GUIDE (CURRENT RELEASE)
50	SH19-6161-0	SN19-6662	ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE, LIC PROG 5746-XXV, ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE/VIRTUAL MACHINE, LIC PROG 5748-XXX, ADMINISTRATOR'S GUIDE (CURRENT RELEASE)
50	SH19-6162-0	SN19-6663	ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE, LIC PROG 5746-XXV, ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE/VIRTUAL MACHINE, LIC PROG 5748-XXX, COBOL SAMPLES HANDBOOK (CURRENT RELEASE)
50	SH19-6163-0	SN19-6664	ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE, LIC PROG 5746-XXV ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE/VIRTUAL MACHINE LIC PROG 5748-XXX, PL/I SAMPLES HANDBOOK (CURRENT RELEASE)
30	**SH19-6165-1		GERMAN EDS NETWORK TELEX SUPPORT, PROGRAMMING RPQ XA8937, LIC PROG 5799-AWN, DESCRIPTION/OPERATIONS
50	GH19-6167-0		ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE - RELEASE 1, LIC PROG 5746-XXV, DESIGN OBJECTIVES
50	GH19-6168-0		ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE ELIAS-7, LIC PROG 5746-XXV, SPECIFICATIONS
50	SH19-6171-0		ENTRY LEVEL INTERACTIVE AFFLIATION SYSTEM-ONE/VM USING ELIAS-I UNDER VM, LIC PROG 5748-XXX
50	GH19-6172-0		ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE/VM, LIC PROG 5748-XXX, DESIGN OBJECTIVES
30	GH19-6173-0*		IBM SWITCHING SYSTEMS ELECTRONIC DOCUMENT DISTRIBUTION PROGRAMMING RPQ SU0166, LIC PROG 5799-EBK, DESIGN OBJECTIVES
50	GH19-6187-0		ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE/VM, RELEASE 1 MODIF 0, LIC PROG 5748-XXX, SPECIFICATIONS
22	GH20-0689-2		APL/360 PRIMER, STUDENT TEXT
50	**GH20-0765-4	GN20-9188	INFORMATION MANAGEMENT SYSTEM/360, VERSICN 2, GENERAL

22	GH20-0850-2			INFORMATION MANUAL: PROG. PROD. 5734-XX6
50	GH20-0892-1			APL/360 - OS (5734-XM6) AND APL/360 - DOS (5736-XM6) GENERAL INFORMATION MANUAL
22	GH20-0906-1			IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) APPLICATION DESCRIPTION, PROG. NO. 5734-XX1
50	SH20-0910-4			APL/360-OS (5734-XM6), APL/360-DOS (5736-XM6), USER'S MANUAL INFORMATION MANAGEMENT SYSTEM/360, VERSION 2 SYSTEM/APPLICATION DESIGN GUIDE PROGRAM NUMBER 5734-XX6
50	SH20-0911-4	SN20-9209		INFORMATION MANAGEMENT SYSTEM/360, VERSION 2 SYSTEM PROGRAMMING REFERENCE MANUAL PROGRAM NUMBER 5734-XX6
50	SH20-0912-4			IMS/360 VERSION 2 PROG 5734-XX6 APPLICATION PROGRAMMING REFERENCE
50	SH20-0913-4			INFORMATION MANAGEMENT SYSTEM/360, VERSION 2, OPERATOR'S REFERENCE MANUAL PROGRAM NUMBER 5734-XX6
50	SH20-0914-4			INFORMATION MANAGEMENT SYSTEM/360, VERSION 2, MESSAGES AND CODES REFERENCE MANUAL, PROGRAM NUMBER 5734-XX6
50	SH20-0915-3	SN20-9190		INFORMATION MANAGEMENT SYSTEM/360 VERSION 2 UTILITIES REFERENCE MANUAL, PROG. NO. 5734-XX6
22	SH20-0938-1			APL/360 - DOS OPERATIONS AND INSTALLATION MANUAL, PROGRAM NUMBER 5736-XM6
50	SH20-1007-2	SN20-9017		INFORMATION MANAGEMENT SYSTEM/360 VERSION 2 MASTER INDEX PROGRAM NUMBER 5734-XX6
79	GH20-1027-4			STAT/BASIC FOR SYSTEM/3 MODEL 6, ITP, AND VM/370-CMS: GENERAL INFORMATION, PROG. NOS. 5703-XA1, 5734-XA3
50	GH20-1028-4			CUSTOMER INFORMATION CONTROL SYSTEM (CICS), DOS-ENTRY (CICS-DOSE) DOS-STANDARD (CICS/DOSS) OS-STANDARD V2 (CICS/OS), LIC PROG 5734-XX7, 5736-XX6, -XX7, GENERAL INFORMATION
50	SH20-1030-2			IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) PROGRAM DESCRIPTION MANUAL, VOLUME 1: SYSTEM OVERVIEW AND CONTROL, PROG. PROD. 5734-XX1
50	SH20-1032-1			IBM GENERALIZED INFORMATION SYSTEM, VERSION 2 (GIS/2) OPERATIONS MANUAL - PROGRAM NUMBER 5734-XX1
50	SH20-1033-3			GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) VOLUME 3, PROCEDURAL LANGUAGE - PROGRAM DESCRIPTION MANUAL PROGRAM NUMBER 5734-XX1
50	SH20-1034-2	SN20-9043		CUSTOMER INFORMATION CONTROL SYSTEM (CICS) DOS-ENTRY, DOS-STANDARD, LIC PROG 5736-XX6, 5736-XX7 OPERATIONS GUIDE
50	SH20-1040-1			GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) VOLUME 2: DATA DESCRIPTION LANGUAGE - PROGRAM DESCRIPTION MANUAL PROGRAM NUMBER 5734-XX1
50	SH20-1043-6			CUSTOMER INFORMATION CONTROL SYSTEM (CICS) DOS-ENTRY, DOS-STANDARD, OS-STANDARD V2, LIC PROG 5736-XX6, -XX7, 5734-XX7, SYSTEM PROGRAMMER'S REFERENCE
50	SH20-1044-4			CUSTOMER INFORMATION CONTROL SYSTEM (CICS), DOS-ENTRY, DOS-STANDARD, OS-STANDARD V2, LIC PROG 5736-XX6, -XX7, 5734-XX7, TERMINAL OPERATOR'S GUIDE
50	SH20-1047-5			CUSTOMER INFORMATION CONTROL SYSTEM (CICS) DOS-ENTRY, DOS-STANDARD OS-STANDARD V2, LIC PROG 5736-XX6, -XX7, 5734-XX7, APPLICATION PROGRAMMER'S REFERENCE
50	SH20-1048-3			CUSTOMER INFORMATION CONTROL SYSTEM (CICS) OS-STANDARD V2, LIC PROG 5734-XX7, OPERATIONS GUIDE
79	SH20-1069-3			STAT/BASIC FOR SYSTEM/3 MODEL 6, ITP, AND VM/370-CMS: PROGRAM REFERENCE - PROGRAM NUMBERS 5703-XA1, 5734-XA3
79	SH20-1070-3	SN20-3943		STAT/BASIC FOR ITP AND VM/370-CMS: OPERATIONS GUIDE, PROGRAM NUMBER 5734-XA3
50	GH20-1074-2			INTERACTIVE QUERY FACILITY (IQF) FOR IMS/360 VERSION 2 PROGRAM NUMBER 5734-XX6 - GENERAL INFORMATION MANUAL
39	SH20-1103-5			S/370 MCGILL UNIVERSITY SYSTEM FOR INTERACTIVE COMPUTING (MUSIC) RELEASE II, IUP 5796-AAT DESCRIPTION/OPERATIONS
39	SH20-1104-3	SN20-3848	SN20-3965	S/370 MCGILL UNIVERSITY SYSTEM FOR INTERACTIVE COMPUTING MUSIC RELEASE II USER'S GUIDE - IUP NUMBER 5796-AAT
82	GH20-1128-4			MATH/BASIC FOR SYSTEM/3 MODEL 6, ITP, AND VM/370-CMS GENERAL INFORMATION MANUAL, PROG. NOS. 5703-XM2 (SYSTEM/3) AND 5734-XM8 (ITP AND VM/370-CMS)
35	GH20-1152-1	GN33-7027		RCA 301 EMULATOR ON SYSTEM/370 USING DOS AND DOS/VS (PRPQ) - TRANSITION GUIDE, PROG. NO. 5799-ADR
35	GH20-1153-1	GN33-7028		HONEYWELL SERIES 200 EMULATOR ON SYSTEM/370 USING DOS AND DOS/VS (PRPQ) - TRANSITION GUIDE, PROG. NO. 5799-ADR
82	SH20-1157-3			MATH/BASIC FOR ITP AND VM/370-CMS: OPERATIONS GUIDE, PROGRAM NUMBER 5734-XM8
82	SH20-1158-3			MATH/BASIC FOR SYSTEM/3 MODEL 6. ITP AND VM/370-CMS PROGRAM REFERENCE MANUAL, PROG. NOS. 5703-XM2 (S/3) AND 5734-XM8 (ITP-OS/DOS/TSO AND VM/370-CMS)
36	GH20-1171-1			SYSTEM/370 DISTRIBUTED SYSTEM PROGRAM (S/370 DSP) GENERAL INFORMATION MANUAL, PROG. NO. 360A-TX-032
36	GH20-1173-1	GN20-3146		IBM SYSTEM/360 AND SYSTEM/370 ASP VERSION 3 ASYMMETRIC MULTI PROCESSING SYSTEM: GENERAL INFORMATION MANUAL, PROG. NO. 360A-CX-15X
82	GH20-1175-2			BUSINESS ANALYSIS/BASIC GENERAL INFORMATION MANUAL, PROG. NOS. 5703-XM3 (SYSTEM/3 MODEL 6) AND 5734-XM8 (ITP-OS/DOS/TSO AND VM/370-CMS)
50	SH20-1177-1			PLANNING GUIDE FOR THE DL/I QUERY SUPPORT FEATURE OF GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) PROGRAM NUMBER 5734-XX1
30	SH20-1208-3			TELECOMMUNICATIONS CONTROL SYSTEM (TCS) PROGRAMMER'S GUIDE AND REFERENCE MANUAL - PROGRAM PRODUCT 5734-F31
30	SH20-1209-1	SN20-3808		TELECOMMUNICATIONS CONTROL SYSTEM (TCS) OPERATIONS GUIDE, PROGRAM NUMBER 5734-F31
50	GH20-1222-0			INTERACTIVE QUERY FACILITY (IQF) INTRODUCTION LANGUAGE GUIDE PROGRAM NUMBER 5734-XX6
50	GH20-1223-1			IQF TERMINAL USERS REFERENCE GUIDE (INTERACTIVE QUERY FACILITY) (IMS/360) - PROGRAM NUMBER 5734-XX6
50	**GH20-1246-8			DL/I DOS/VS, LIC PROG 5746-XX1, GENERAL INFORMATION (CURRENT RELEASE)

50	GH20-1251-3			DISPLAY MANAGEMENT SYSTEM II (DMS II) GENERAL INFORMATION MANUAL - PROGRAM PRODUCTS 5734-XC4 AND 5736-XC4
50	**GH20-1260-10			IMS/VIS GENERAL INFORMATION MANUAL, PROG. PROD. 5740-XX2
82	SH20-1262-1			BUSINESS ANALYSIS/BASIC FOR ITF AND VM/370-CMS OPERATIONS GUIDE, PROG. NO. 5734-XMB
82	SH20-1264-2			BUSINESS ANALYSIS/BASIC PROGRAM REFERENCE MANUAL, PROG. NOS. 5703-XM3 (S/3 MOD 6), 5734-XMB (ITF-OS/DOS/TSO & VM/370-CMS)
36	GH20-1289-1	GN20-9096		ASYMMETRIC MULTIPROCESSING SYSTEM OPERATOR'S MANUAL, PROG. NO. 360A-CX-15X
36	GH20-1290-1	GN20-9094		ASYMMETRIC MULTIPROCESSING SYSTEM: MESSAGES & CODES MANUAL, PROGRAM NUMBER 360A-CX-15X
36	GH20-1291-1	GN20-9095		ASYMMETRIC MULTIPROCESSING SYSTEM - APPLICATION PROGRAMMER'S MANUAL - PROGRAM NUMBER 360A-CX-15X
36	GH20-1292-2			IBM S/360 AND S/370 ASP VERSION 3 ASYMMETRIC MULTIPROCESSING SYSTEM, SYSTEM PROGRAMMER'S MANUAL, PRG 360A-CX-15X
50	SH20-1296-0			FASTER LANGUAGE FACILITY PROGRAM REFERENCE MANUAL AND OPERATIONS GUIDE PROG. NOS. 5740-XX1 (CICS/CS/VIS), 5746-XX3 (CICS/DOS/VIS)
50	SH20-1303-1			DBPROTOTYPE PROGRAM DESCRIPTION/OPERATIONS MANUAL - IUP NUMBER 5796-PBB
50	SH20-1305-0	SN20-2707		IMSMAP - DATA BASE MAPPING PROGRAMS - PROGRAM DESCRIPTION/OPERATIONS MANUAL - IUP NUMBER 5796-FBC
50	SH20-1307-1	SN20-3172		TEST IMS UTILITIES PROGRAM DESCRIPTION/OPERATIONS MANUAL IUP NUMBER 5796-PBE
50	SH20-1358-2			S/370 CICS ON LINE TEST/DEBUG CON EDISON - IUP 5796-AEF DESCRIPTION/OPERATIONS
50	SH20-1359-1			S/370 CICS/COBOL CALL INTERFACE NATIONAL BANK OF DETROIT 5796-AEG DESCRIPTION/OPERATIONS
37	SH20-1361-1			TEST DATA GENERATOR: IUP 5796-PBP DESCRIPTION/OPERATIONS
50	SH20-1368-0			DATA COMMUNICATION ANALYZER (LCANALYZER) IUP 5796-PCA DESCRIPTION/OPERATIONS
50	SH20-1390-1			3270 SCREEN IMAGE PROCESSOR FOR IMS AND IMS/VIS - IUP 5796-AFC, DESCRIPTION/OPERATIONS
36	GH20-1403-0	GN20-3147		IBM SYSTEM/360 AND SYSTEM/370 ASP VERSION 3 ASYMMETRIC MULTIPROCESSING SYSTEM LOGIC MANUAL - PROGRAM NUMBER 360A-CX-15X
50	SH20-1456-1	SN20-3475		DISPLAY MANAGEMENT SYSTEM II (DMS II) OS/VIS OPERATIONS GUIDE PROGRAM NUMBER 5734-XC4
50	SH20-1457-1	SN20-3303	SN20-3474	DISPLAY MANAGEMENT SYSTEM II (DMS II) OS/VIS PROGRAM REFERENCE MANUAL - PROGRAM NUMBER 5734-XC4
22	SH20-1460-2			APL SHARED VARIABLES (APLSV) USER'S GUIDE (PRFQ WE1191) PROG. NO. 5799-AJF
22	SH20-1461-1			APL SHARED VARIABLES (APLSV) PROGRAMMING RPQ WE1191 OPERATIONS GUIDE - PROGRAM NUMBER 5799-AJF
50	GH20-1502-1			FASTER LANGUAGE FACILITY FOR THE CUSTOMER INFORMATION CONTROL SYSTEM (CICS/VIS) GENERAL INFORMATION MANUAL, PROG. PROD. 5740-XX1 & 5746-XX3
50	GH20-1514-0			FASTER TO CICS/VIS MIGRATION TECHNIQUES GUIDE
50	SH20-1539-0			IMSMAP/VIS - IUP 5796-PCY, DESCRIPTION/OPERATIONS
50	SH20-1541-0	SN20-3420		TEST IMS/VIS UTILITIES - IUP 5796-PDA, DESCRIPTION/OPERATIONS
34	SH20-1550-0	SN20-3416		VM/SGP - STATISTICS GENERATING PACKAGE - IUP 5796-PDD, DESCRIPTION/OPERATIONS
36	SH20-1552-0			JOB CONTROL LANGUAGE EDITOR - IUP 5796-PEC, DESCRIPTION/OPERATIONS
50	SH20-1561-2			INTERACTIVE QUERY AND REPORT PROCESSOR (IQRP) - IUP 5796-PDG, TERMINAL USER GUIDE
50	SH20-1562-2			INTERACTIVE QUERY AND REPORT PROCESSOR (IQRP) BOOK I IUP 5796-PDG, DESCRIPTION/OPERATIONS AND SYSTEM ANALYST MANUAL
50	SH20-1563-2			INTERACTIVE QUERY AND REPORT PROCESSOR (IQRP) BOOK II IUP 5796-PDG, OPERATIONS/INSTALLATION GUIDE
32	SH20-1564-0			3525 GENERAL PURPOSE UTILITIES, IUP 5796-AGE, DESCRIPTION/OPERATIONS
31	SH20-1568-1	SN20-3414		AUDIT SOURCE CODE COMPARE OS/VIS - IUP 5796-PDH, DESCRIPTION/OPERATIONS
39	SH20-1569-0			FULL SCREEN 3270 SUPPORT FOR PL/1 AND ASSEMBLER APPLICATION UNDER TSO, IUP 5796-AGH
50	SH20-1572-0	SN20-3351	SN20-3472	DISPLAY MANAGEMENT SYSTEM II DOS/VIS (DMS II) OPERATIONS GUIDE, PROG. NO. 5736-XC4
50	SH20-1573-0	SN20-3352	SN20-3476	DISPLAY MANAGEMENT SYSTEM II -- DOS/VIS (DMS II) PROGRAM REFERENCE MANUAL, PROG. PROD. 5736-XC4
38	GH20-1574-1			DOS/VIS REMOTE JOB ENTRY WORKSTATION PROGRAM (PROGRAMMING RPQ WF0358) GENERAL INFORMATION MANUAL PROG. NO. 5799-WHX
38	SH20-1589-1			DOS/VIS REMOTE JOB ENTRY WORKSTATION PROGRAM - PROGRAMMING RPQ WF0358 OPERATION & INSTALLATION GUIDE, PROG. NO. 5799-WHX
38	SH20-1590-1			DOS/VIS REMOTE JOB ENTRY WORKSTATION PROGRAM (PROGRAMMING RPQ WF0358 REFERENCE, LIC PROG 5799-WHX
38	SH20-1592-0			DOS/VIS REMOTE JOB ENTRY WORKSTATION PROGRAM, LOGIC, PROGRAMMING RPQ WF0358, PROG. NO. 5799-WHX
40	SH20-1606-0			VM/370 SYSTEM FOR ONLINE TAPE AND DISK LIBRARIES - IUP 5796-AGN, DESCRIPTION/OPERATIONS
34	SH20-1610-0			DOS TO OS CONVERSION SYSTEM - IUP 5796-AFZ DESCRIPTION/OPERATIONS
34	SH20-1618-0			PEOPLES GAS LIGHT AND COKE COMPANY SMF GRAPHICAL ANALYSIS IUP 5796-AFP, DESCRIPTION/OPERATIONS
33	SH20-1624-0			EXTENDED COBOL SORT - IUP 5796-AGZ, DESCRIPTION/OPERATIONS
32	SH20-1625-0	SN20-3411		GENERAL PURPOSE TAPE AND DISK SCANS PHILLIPS VAN HANSEN DESCRIPTION/OPERATIONS, IUP 5796-AGY
30	GH20-1626-2			DATA BASE DESIGN AID GENERAL INFORMATION MANUAL PROG PROD 5740-XY8, 5746-XXQ
30	GH20-1627-2			DATA BASE DESIGN AID DESIGNER'S GUIDE, PROG PROD 5740-XY8, 5746-XXQ
85	GH20-1628-0			A GUIDE TO TESTING IN A COMPLEX SYSTEM ENVIRONMENT
30	SH20-1637-1	SN20-3469	SN20-3534	3330, 3333-M11 SUPPORT FOR DOS/VIS, PRPQ EF4346 - PROG NO 5799-WHZ, SYSTEMS GUIDE
39	GH20-1638-1			TSO - 3270 STRUCTURED PROGRAMMING FACILITY (SPF), GENERAL

37	GH20-1639-2	GN20-3669		INFORMATION - PROGRAM NO. 5740-XT2 DB/DC DRIVER SYSTEM: GENERAL INFORMATION MANUAL, PROG. PROD. 5740-XXA
30	SH20-1651-2			DATA BASE DESIGN AID REFERENCE/OPERATIONS GUIDE PROG. NO. 5740-XY8, 5746-XXQ
39	SH20-1658-1			S/370 MCGILL UNIVERSITY SYSTEM FOR INTERACTIVE COMPUTING IUP 5796-AAT, 5796-AHQ, 5796-AJC
37	SH20-1662-0	SN20-3417		AUTOMATED UNIT TEST, IUP 5796-PEC, DESCRIPTION/OPERATION
34	SH20-1669-1			VS/REPACK, IUP 5796-PDZ, DESCRIPTION/OPERATION
30	SH20-1670-0			WIDEBAND COMMUNICATION PROGRAM, IUP 5796-FLJ, DESCRIPTION/OPERATIONS
21	SH20-1671-0			ASSEMBLER H/CMS INTERFACE, IUP 5796-PEJ DESCRIPTION/OPERATIONS
50	GH20-1685-0	GN20-3567		TELECOMMUNICATIONS ACCESS METHOD IMS/VIS INTERFACE GENERAL INFORMATION MANUAL, PROG PROD 5740-XXC
50	SH20-1686-0	SN20-3565		TELECOMMUNICATIONS ACCESS METHOD IMS/VIS INTERFACE PROGRAM REFERENCE MANUAL, PROG PROD 5740-XXC
37	SH20-1696-1			DB/DC DRIVER SYSTEM REFERENCE MANUAL PROG PROD 5740-XXA
37	SH20-1697-0	SN20-3639	SN20-3671	DB/DC DRIVER SYSTEM OPERATIONS GUIDE, PROG PROD 5740-XXT
37	SH20-1698-0	SN20-3672		DB/DC DRIVER SYSTEM TERMINAL USER'S MANUAL, PROG PROD 5740-XXA
37	SH20-1699-0	SN20-3606	SN20-3638	DB/DC DRIVER SYSTEM SCRIPT WRITER'S GUIDE, PROG 5740-XXT
		SN20-3670	**SN20-3675	
50	GH20-1702-2	GN20-3700		EXTENDED TELECOMMUNICATIONS MODULES (EXIM) VERSION 2 FEATURE OF CICS/DOS/VIS PROG. PROD. 5746-XXE, GENERAL INFORMATION MANUAL
50	SH20-1704-3			EXTENDED TELECOMMUNICATIONS MODULES (EXTM) FEATURE OF CICS/DOS/VIS VERSION 2 PROGRAM REFERENCE MANUAL - PROG PROD 5746-XXB
50	SH20-1707-0			IMS/VIS LOGTAPE MANAGEMENT SYSTEM, IUP 5796-AHT DESCRIPTION/OPERATION
24	SH20-1716-0			COBOL MAINTENANCE AND DOCUMENTATION AID, IUP 5796-AHY, 5796-AHZ, DESCRIPTION/OPERATIONS
34	SH20-1720-1			SVS/MVS SYSTEM AND JOB IMPACT ANALYSIS, IUP 5798-AJF, DESCRIPTION/OPERATION
32	SH20-1721-0			IMS 3270 LOCAL COPY, IUP 5796-AHL, DESCRIPTION/OPERATIONS
32	SH20-1726-0			DOS/VIS GENERALIZED FILE MAINTENANCE SYSTEM, IUP 5796-AJJ, DESCRIPTION/OPERATIONS
25	SH20-1727-0	SN20-3721		FORTRAN CONVERSION AID, IUP 5796-PFG, DESCRIPTION/OPERATION
39	SH20-1730-0			TSO-3270 STRUCTURED PROGRAMMING FACILITY (SPF) PROGRAM REFERENCE MANUAL - PROG PROD 5740-XT2
50	SH20-1733-1	SN20-3751	SN20-3766	TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED FUNCTION (TSC-AF) OPERATIONS GUIDE - PROG PROD 5740-XXI
50	SH20-1734-3	SN20-3795	SN20-3796	TELECOMMUNICATIONS CONTROL SYSTEM-ADVANCED FUNCTION (TCS-AF) PROGRAMMER'S GUIDE AND REFERENCE MANUAL, PROG PROD 5740-XXD
50	GH20-1735-1	GN20-3611	GN20-3718	TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED FUNCTION (TCS-AF) CONCEPTS AND FACILITIES, PROG PROD 5740-XXD
50	SH20-1745-0	SN20-3618		SYSTEM/370 DISPLAY MANAGEMENT SYSTEM PROGRAMMING RPQ Z06076 DESCRIPTION/OPERATIONS, PROG 5799-APD
39	SH20-1748-0			TSO/MSS ARCHIVER, IUP 5796-AJK, DESCRIPTION/OPERATIONS
34	SH20-1749-1			DOS/VIS SYSTEM DIRECTORY LIST OPTIMIZER, IUP 5796-PFH DESCRIPTION/OPERATIONS
32	SH20-1754-0			DOS/VIS DBDUMP UTILITY PROGRAM FOR VANDI-1, DL/I, DI/I-ENTRY, LIC PROG 5796-AJE, DESCRIPTION/OPERATIONS
50	SH20-1756-0			IMS/VIS HDAM ALGORITHM ANALYZER PROGRAMS, IUP 5796-AJL DESCRIPTION/OPERATIONS
24	SH20-1761-0			COBOL PROGRAM TRANSLATOR FOR DOS AND DOS/VIS IUP 5796-PFB, DESCRIPTION/OPERATIONS
50	SH20-1769-0			DOSMAP-DL/I DATA BASE MAPPING PROGRAMS, IUP 5796-PCW, SYSTEMS GUIDE
36	SH20-1773-0	SN20-3619		IBM SYSTEM/370 SPECIAL REAL TIME OPERATING SYSTEM PROGRAMMING RPQ Z06751 DESCRIPTION AND OPERATION MANUAL - PROG 5799-ABE
30	SH20-1775-0			DISK VOLUME MAP, IUP 5796-PFI, DESCRIPTION/OPERATIONS
30	SH20-1780-0			VSAM ACCESS SUBROUTINES IUP 5796-AJW, DESCRIPTION/OPERATIONS
30	SH20-1781-0			CENTRAL HUDSON GAS & ELECTRIC VSAM ACCESS SUBROUTINES DESCRIPTION/OPERATIONS, IUP 5796-AJX
23	SH20-1800-0	SN20-3421		VS BASIC INTERACTIVE SYSTEM IUP 5796-PPT, DESCRIPTION/OPERATIONS
50	SH20-1802-0			DL/I HDAM DATA BASE TUNING AID, IUP 5796-AKF DESCRIPTION/OPERATIONS
30	SH20-1803-0			3740 DATA ENTRY MANAGEMENT AND AUDIT SYSTEM FOR DOS POWER/VIS, DESCRIPTION/OPERATION, IUP: 5796-AKC
50	SH20-1804-0			IMS SPACE MANAGEMENT UTILITIES, IUP 5796-PFW, DESCRIPTION/OPERATIONS
39	SH20-1805-1			TSO CODES UPDATE SYSTEM, IUP 5796-PFR, DESCRIPTION/OPERATION
29	SH20-1809-0			PL/I TO PL/I OPTIMIZER CONVERSION AID (PCONVERT), IUP 5796-AKG, DESCRIPTION/OPERATIONS
50	SH20-1810-0			IMS TRANSACTION PROFILES IUP 5796-PGG, DESCRIPTION/OPERATION
50	SH20-1811-0			WASHINGTON MANUFACTURING VIDEO SUPPORT AIDS, IUP 5796-ARK, DESCRIPTION/OPERATIONS
34	SH20-1813-1			MVS SYSTEM INFORMATION ROUTINES, IUP 5796-FGB, DESCRIPTION/OPERATIONS
34	SH20-1814-0			MVS SEEK ANALYSIS PROGRAM, IUP 5796-PJC DESCRIPTION/OPERATIONS
30	SH20-1815-0			GENERALIZED TRACE FACILITY (GTF) I/O CONCURRENCY REPORT, IUP 5796-PGD, DESCRIPTION/OPERATIONS
34	SH20-1817-0			GTF VTAM BUFFER ANALYSIS PROGRAM, IUP 5796-PGF DESCRIPTION/OPERATIONS
30	SH20-1818-1			CICS/VIS MESSAGE SWITCHING SYSTEM: AMERICAN HOECHST, DESCRIPTION/OPERATIONS, IUPS 5796-AKP, -AKN
34	SH20-1836-2			DOS/VIS PERFORMANCE TOOL, IUP 5796-PGK DESCRIPTION/OPERATIONS
34	SH20-1837-3			VS1 PERFORMANCE TOOL (VS1PT), IUP 5796-PGL, DESCRIPTION/OPERATIONS
34	SH20-1838-2	SN20-3903		SVS PERFORMANCE TOOL (SVSPT), IUP 5796-PGN, DESCRIPTION/OPERATIONS
37	SH20-1844-3	**SN20-4113		BATCH TERMINAL SIMULATOR II, IUP 5796-PGT, DESCRIPTION/OPERATIONS
22	SH20-1846-0			APL FUNCTION EDITOR FOR APLSV (IUP 5796-FGX), APL FUNCTION EDITOR FOR VSAPL (IUP 5796-PGY), DESCRIPTION/OPERATION

34	SH20-1851-0			BATCH MONITOR FOR VM/370 CMS, IUP 5796-PGZ, DESCRIPTION/OPERATIONS
34	SH20-1852-0			BATCH MONITOR FOR VM/370 CMS, IUP 5796-PGZ, TERMINAL USER'S GUIDE
50	SH20-1858-0	SN20-3726		DL/I BATCH MONITOR FOR DOS/VVS, IUP 5796-AXY, DESCRIPTION/OPERATIONS
50	GH20-1863-2			DISPLAY MANAGEMENT SYSTEM/VVS VERSION 1 (DMS/VVS) GENERAL INFORMATION: LIC PROG 5740-XC2 (OS/VVS), 5746-XC2 (DOS/VVS)
50	SH20-1864-0			DMS/VVS VERSION 1, OPERATIONS GUIDE, LIC PRCG 5740-XC2 (OS/VVS), 5746-XC2 (DOS/VVS)
50	SH20-1865-2	SN20-3932		DMS/VVS VERSION 1, LIC PROG 5740-XC2 (OS/VVS), 5746-XC2 (DOS/VVS), PROGRAM REFERENCE
39	SH20-1872-0			VS APL FOR TSO, IUP 5796-ALP, TERMINAL USER'S GUIDE
39	SH20-1873-2			VS APL FOR TSO, IUP 5796-ALP, DESCRIPTION/OPERATIONS
50	SH20-1877-1	SN20-3947		CICS/VVS ONLINE TEST/DEBUG II, IUP 5796-AHJ, DESCRIPTION/OPERATIONS
34	SH20-1881-0			JES3 MONITORING FACILITY (JMF), IUP 5796-FHR, DESCRIPTION/OPERATIONS
34	SH20-1882-1	**SN20-4115		SMF JOB DATA COMPRESSION AID (JDCA) - IUP 5796-PHN, DESCRIPTION/OPERATION
34	SH20-1883-1	**SN20-4116		STORAGE DEVICE MIGRATION AID (SDMA) - IUP 5796-PHF DESCRIPTION/OPERATION
34	SH20-1885-1			VSAM CATALOG LIST, IUP 5796-ALQ, -ALR, DESCRIPTION/OPERATIONS
34	SH20-1889-0			DOS/VVS SYSTEM PROGRAMMING AID, IUP 5796-ALX DESCRIPTION/OPERATION
39	SH20-1890-0			TSO/IQRP INTERFACE, IUP 5796-PHZ, DESCRIPTION/OPERATIONS
34	SH20-1906-0			VM/370 RESOURCE MANAGEMENT, PRPQ P09006, PROG 5799-ARQ, INSTALLATION GUIDE
39	SH20-1909-0			TSO/IQRP INTERFACE, IUP 5796-PHZ, TERMINAL USER'S GUIDE
36	SH20-1922-0			VIRTUAL MACHINE/370 CONVERSATIONAL MONITOR SYSTEM (VM/CMS) EXEC LANGUAGE EXTENSIONS, IUP 5796-PJA, DESCRIPTION/OPERATIONS
25	SH20-1923-0			FORTRAN INTERACTIVE SUBROUTINE LIBRARY - IUP 5796-PHT, DESCRIPTION/OPERATIONS
37	SH20-1924-1			APL DECISION TABLE PROCESSOR (DTAEL) - IUP 5796-PJB, DESCRIPTION/OPERATIONS
30	SH20-1927-0			DISK WORKFILE MANAGER FOR DOS/VVS - IUP 5796-ANK, DESCRIPTION/OPERATIONS
30	SH20-1928-0	SN20-3633	SN20-3841	MASS STORAGE CONTROL TABLE MAINTENANCE, IUP 5796-PHY, USER'S GUIDE
30	GH20-1941-2			NETWORK JOB INTERFACE: PRPQ P09007 (VM/370 NETWORKING PROG 5799-ATA), PRPQ P09008 (ASP NETWORKING PROG 5799-ATB), PRPQ P09009 (HASP NETWORKING PROG 5799-ATC)
30	SH20-1943-0			TELPAK OPTIMIZATION SYSTEM, IUP 5796-PJH, DESCRIPTION/OPERATION
50	SH20-1952-1	SN20-3954		IMS SPACE MANAGEMENT UTILITIES II, LIC IUP 5796-PJJ, DESCRIPTION/OPERATION
50	SH20-1953-2			LBPROTOTYPE II, IUP 5796-PJK, DESCRIPTION/OPERATIONS
39	SH20-1965-0			DISPLAY EDITING SYSTEM FOR CMS, IUP 5796-PJP, USER'S GUIDE
39	GH20-1974-2			TSO-3270 DISPLAY SUPPORT AND STRUCTURED PROGRAMMING FACILITY (SPF) VERSION 2 GENERAL INFORMATION, PRCG PROD 5740-XT8
39	SH20-1975-2			TIME SHARING OPTION 3270 DISPLAY SUPPORT AND STRUCTURED PROGRAMMING FACILITY VERSION 2.2, LIC FROG 5740-XTB PROGRAM REFERENCE
30	SH20-1977-0			VM/370 NETWORKING PRPQ P09007, PROG 5799-ATA, REFERENCE AND OPERATIONS
30	SH20-1978-0			ASP NETWORKING (PRPQ P09908) USER'S GUIDE, PROG 5799-ATB
30	SH20-1979-0			ASP NETWORKING (PROGRAMMING RPQ P09008) REFERENCE AND OPERATIONS - PROG 5799-ATB
30	SH20-1980-1			HASP NETWORKING USER'S GUIDE, PRPQ P09009 PROG 5799-ATC
30	SH20-1981-1			HASP NETWORKING SYSTEM PROGRAMMER'S GUIDE, PRPQ P09009 PROG 5799-ATC
30	SH20-1982-1			HASP NETWORKING OPERATIONS, PRPQ P09009 PROG 5799-ATC
50	SH20-2000-1			TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED FUNCTION VERSION 4, PROG PROD 5740-XXD, MODEL MESSAGE CONTROL PROGRAM (MCDL MCP)
50	SH20-2004-0	SN20-3797		TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF), LIC PROG 5740-XY3, PROGRAMMER'S GUIDE AND REFERENCE
50	SH20-2005-0			TCS/ACF, LIC PROG 5740-XY3, MODEL MESSAGE CONTROL PROGRAM
50	SH20-2006-0	SN20-3791		TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF), LIC PROG 5740-XY3, OPERATIONS GUIDE
50	GH20-2007-0			TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF), LIC PROG 5740-XY3, CONCEPTS AND FACILITIES
30	SH20-2008-0			EXTENDED FULL-SCREEN 3270 CONSOLE INTERFACE FOR VM/370 PRPQ MJ3269, PROG 5799-AWP, DESCRIPTION/OPERATIONS
50	GH20-2020-0			DMS/3770, LIC PROG 5748-XC3, GENERAL INFORMATION
50	SH20-2021-0	SN20-3897		DISPLAY MANAGEMENT SYSTEM/3770 (DMS/3770) RELEASE 1.0 PROG PROD 5748-XC3, REFERENCE AND OPERATIONS MANUAL
50	GH20-2022-1			AUTOMATED OPERATOR FACILITY (AOF) FOR IMS/VVS V1, LIC PROG 5740-XYD, GENERAL INFORMATION
50	SH20-2024-0			DISPLAY MANAGEMENT SYSTEM/VIRTUAL STORAGE (DMS/VVS) LIC PROG 5740-XC2, APPLICATION PROGRAM DESIGN GUIDE
29	SH20-2030-0+	SN20-3825		VS PERSONAL COMPUTING PL/I TERMINAL USER'S GUIDE, PROG PROD 5785-EAB
29	SH20-2031-0+	SN20-3729	SN20-3735	VS PERSONAL COMPUTING PL/I LANGUAGE REFERENCE MANUAL, FROG FROD 5785-EAB
29	SH20-2032-0			VS PERSONAL COMPUTING PL/I INSTALLATION REFERENCE GUIDE, PROG PROD 5785-EAB
34	SH20-2044-0			POWER/VVS CHARGE BACK SYSTEM, IUP 5796-AQJ, DESCRIPTION/OPERATIONS
34	SH20-2045-0			MSS TRACE/SMF CORRELATION AID, IUP 5796-FJX, DESCRIPTION/OPERATIONS
22	SH20-2046-0	**SN20-4110		APL COMPUTER AIDED INSTRUCTION, IUP 5796-PJW, DESCRIPTION/OPERATIONS
38	**SH20-2047-1			HOST REMOTE NODE ENTRY SYSTEM, IUP 5796-FJY

32	SH20-2050-0+	SN20-3728		DESCRIPTION/OPERATIONS (CURRENT RELEASE) VSPC LIBRARY PRINT, PROGRAM NUMBER 5785-EAA
32	SH20-2056-0			DESCRIPTION/OPERATIONS IMS/VS ONLINE DATA MANAGEMENT UTILITY, IUP 5796-AQZ, DESCRIPTION/OPERATIONS
30	SH20-2057-1			3800 HIGH VOLUME PRINTING, IUP 5796-ARA DESCRIPTION/OPERATIONS
50	SH20-2058-0			IMS/VS RESPONSE TIME MONITOR IUP 5796-ARB DESCRIPTION/OPERATION
28	SH20-2059-0			3741 REPORT GENERATOR, IUP 5796-ARC, DESCRIPTION/OPERATIONS
21	SH20-2060-0			GENERAL CROSS ASSEMBLER GENERATOR, PD/OM, IUP 5796-PKD
30	SH20-2061-1			3800 90 DEGREE PRINT PROGRAM, S/370 OS/VS, DOS/VS, IUP 5796-ARE, -AWX, DESCRIPTION/OPERATIONS
30	SH20-2062-0			VSAMZAP OS/VS IUP 5796-PJQ, DESCRIPTION/OPERATIONS
30	SH20-2063-0			VSAMZAP, DOS/VS IUP 5796-PKG, DESCRIPTION/OPERATIONS
30	SH20-2066-0			DOS/VS CHAINED CHANNEL COMMAND WORD/PRINT SUBROUTINE, IUP 5796-ARB, DESCRIPTION/OPERATIONS
36	SH20-2067-0			OS/VS1 PRIORITY QUEUE AGING PROCESSOR, IUP 5796-ARG, DESCRIPTION/OPERATIONS
50	SH20-2072-0			DL/I CICS/VS TEST DESCRIPTION/OPERATIONS IUP 5796-ARN
50	SH20-2073-0			IMS-APL DATA LINK FOR VSPC, IUP 5796-PLA, DESCRIPTION/OPERATIONS
39	**SH20-2077-2			QUERY BY EXAMPLE, IUP 5796-PKT, DESCRIPTION/OPERATIONS
39	**SH20-2078-2			QUERY BY EXAMPLE, IUP 5796-PKT, TERMINAL USER'S GUIDE
30	SH20-2079-0			VM/370 SPOOLING SUPPORT FOR 328X PRINTERS, IUP 5796-PKZ, DESCRIPTION/OPERATIONS
30	SH20-2088-0			BULK DATA TRANSFER, IUP 5796-PRK, DESCRIPTION/OPERATIONS
25	SH20-2100-0			IBM S/370 FORTRAN H EXTENDED OPTIMIZATION ENHANCEMENT, IUP 5796-PRR, DESCRIPTION/OPERATIONS
39	SH20-2103-0	SN20-3955		3270 FULL SCREEN SUPPORT FOR COBOL USING TSO IUP 5796-ATK DESCRIPTION/OPERATIONS
50	SH20-2104-0			ACF/VTAM AND NOSP DEFINITION AID, IUP 5796-FKY DESCRIPTION/OPERATIONS
50	SH20-2105-2			IMS/VS EMERGENCY LOG TERMINATOR, IUP 5796-ATN, DESCRIPTION/OPERATIONS
50	SH20-2106-1			IMS/VS MESSAGE QUEUEUER, IUP 5796-ATP DESCRIPTION/OPERATIONS
50	SH20-2107-0	SN20-3952		DL/I DOS/VS SPACE MANAGEMENT UTILITIES, IUP 5796-PRF, DESCRIPTION/OPERATION
30	SH20-2112-0			2260 COMPATIBILITY FOR CICS/VS USING VTAM/TCAM 5796-ATW
30	SH20-2117-0			GLOBAL SHARED ACCESS METHOD (GSAM) IUP 5796-ATX DESCRIPTION/OPERATIONS
30	SH20-2118-0			GLOBAL SHARED ACCESS METHOD (GSAM) IUP 5796-ATX PROGRAMMERS GUIDE
30	SH20-2125-0	SN20-3961		3800 PAGE FORMATTING SERVICES, IUP 5796-AWE, DESCRIPTION/OPERATIONS
50	SH20-2142-0	SN20-3867	SN20-3875	TCS-ACF VERSION 2 NETWORKING LOGIC, LIC PROG 5740-XY3
		SN20-3884	SN20-3927	
50	SH20-2144-0	SN20-3869	SN20-3878	TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF) VERSION 2, LIC PROG 5740-XY3, NETWORKING OPERATIONS GUIDE
		SN20-3888	SN20-3929	
50	SH20-2145-0	SN20-3870	SN20-3877	TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF) VER 2, LIC PROG 5740-XY3, BASE PROGRAM OPERATIONS GUIDE
		SN20-3887	SN20-3928	
50	SH20-2148-1			IMS/VS AUTOMATED OPERATOR FACILITY (AOF), LIC PROG 5740-XYD PROGRAM REFERENCE AND OPERATIONS
50	GH20-2156-0			TELECOMMUNICATIONS CONTROL SYSTEM ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF), NETWORKING, CONCEPTS AND FACILITIES MANUAL
30	SH20-2161-0			RACF/CODES UPDATE SYSTEM, IUP 5796-PLK DESCRIPTION/OPERATIONS
29	SH20-2164-0			PL/I LANGUAGE CONSTRUCTION PRE-PROCESSOR, 5796-PLL DESCRIPTION/OPERATIONS
34	SH20-2166-0			IMS - CMS DATA LINK FOR VM/370, IUP 5796-PLF, DESCRIPTION/OPERATIONS
50	SH20-2169-1			HIGH-SPEED SEQUENTIAL RETRIEVAL OF IMS/VS DATA BASES, IUP 5787-LAA, DESCRIPTION/OPERATIONS
39	SH20-2170-0			THE APL HANDBOOK OF TECHNIQUES WORKSPACE 5796-PLP, DESCRIPTION OPERATIONS
34	**SH20-2171-2			VSE PERFORMANCE TOOL, IUP 5796-PLQ, DESCRIPTION/OPERATIONS
30	SH20-2172-0			VSAM SELECTIVE RESTORE (OS/VS), IUP 5796-AXL, DESCRIPTION/OPERATIONS
50	SH20-2175-0			CICS/VS ONLINE PROMPTING FACILITY IUP 5796-AWQ, DESCRIPTION/OPERATIONS
36	SH20-2176-0			JES3 MONITORING FACILITY II, IUP 5796-PIW, DESCRIPTION/OPERATIONS
30	SH20-2177-0	SN20-3960		DATA EXTRACTION PROCESSING AND RESTRUCTURING SYSTEM, IUP 5796-PLB, DESCRIPTION/OPERATIONS
30	SH20-2178-0			DATA EXTRACTION, PROCESSING AND RESTRUCTURING SYSTEM, IUP 5796-PLB, REFERENCE
50	SH20-2191-0			TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF) - NETWORKING LIC PROG 5740-XY3 MODEL MESSAGE CONTROL PROGRAM (MODEL MCP)
50	GH20-2192-0			TELECOMMUNICATIONS CONTROL SYSTEM-ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF), LIC PROG 5740-XY3, BASE PROGRAM CONCEPTS AND FACILITIES
50	**GH20-2195-3			DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS), LIC PROG 5746-XC4 5740-XC5, GENERAL INFORMATION (CURRENT RELEASE)
39	GH20-2197-1			VM/CMS 3270 DISPLAY SUPPORT STRUCTURED FACILITY (SPS/CHS), LIC PROG 5748-XT3, GENERAL INFORMATION
50	SH20-2198-0			TELECOMMUNICATIONS CONTROL SYSTEM ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF) BASE PROGRAM, LIC PROG 5740-XY3 MODEL MESSAGE CONTROL PROGRAM (MODEL MCP)
38	GH20-2199-0			DOS/VSE RJE WORKSTATION RELEASE 1, LIC PROG 5746-RC9 GENERAL INFORMATION
30	GH20-2204-0			JES3 NETWORKING PRPQ P09022 GENERAL INFORMATION
38	SB20-2205-0			DOS/VSE REMOTE JOB ENTRY WORKSTATION PROGRAM, LIC PROG 5749-RC9, PROGRAM REFERENCE

38	SH20-2206-0		DOS/VSE REMOTE JOB ENTRY WORKSTATION PROGRAM, LIC PROG 5746-RC9, OPERATIONS GUIDE
50	SH20-2207-1		DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS), LIC PROG 5746-XC4, 5740-XC5, APPLICATION DESIGN GUIDE (CURRENT RELEASE)
50	**SH20-2209-3	SN20-4090	DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS), LIC PROG 5740-XC5 5746-XC4 PROGRAM REFERENCE (CURRENT RELEASE)
50	**SH20-2211-3		DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS), LIC PROG 5740-XC5 5746-XC4, OPERATIONS GUIDE (CURRENT RELEASE)
34	SH20-2337-0	**SN20-4111	VM/370 REALTIME MONITOR, IUP 5796-PNA, DESCRIPTION/OPERATIONS
30	SH20-2338-0		3850 CARTRIDGE OFF-SITE STORAGE SYSTEM, IUP 5796-AWZ, DESCRIPTION/OPERATIONS
39	SH20-2341-1	**SN20-4152	VS APL EXTENDED EDITOR AND FULL SCREEN MANAGER, IUP 5796-EIY, DESCRIPTION/OPERATIONS
22	SH20-2344-0		APL WORKSPACE STRUCTURE ANALYZER, IUP 5796-PNB, DESCRIPTION/OPERATIONS
39	SH20-2356-0	**SN20-4114	JES2 INFORMATION RETRIEVAL SYSTEM FOR CMS, IUP 5796-AYD, DESCRIPTION/OPERATIONS
30	SH20-2358-0		TELEPROCESSING VIRTUAL MACHINE, IUP 5796-PNC, DESCRIPTION/OPERATIONS
34	SH20-2361-0	SN20-3956 **SN20-3970	SOURCE COMPARE/AUDIT UTILITY, IUP 5796-PLZ, DESCRIPTION/OPERATIONS
39	SH20-2402-1		TIME SHARING OPTION 3270 DISPLAY SUPPORT AND STRUCTURED PROGRAMMING FACILITY, LIC PROG, INSTALLATION AND CUSTOMIZER GUIDE
30	GH20-2403-0		VSE/3270 BISSYNCHRONOUS PASS THROUGH, LIC PROG 5746-AM5, DESIGN OBJECTIVES
39	SH20-2409-0		STRUCTURED PROGRAMMING FACILITY/CONVERSATIONAL MONITOR SYSTEM, LIC PROG 5748-XT3, PROGRAM REFERENCE
39	SH20-2410-1		STRUCTURED PROGRAMMING FACILITY/CONVERSATIONAL MONITOR SYSTEM, LIC PROG 5748-XT3, CUSTOMER AND INSTALLATION GUIDE
30	SH20-2415-0		JOB ENTRY SUBSYSTEM 3/NETWORKING, LIC PROG 5799-AZT, PROGRAM REFERENCE MANUAL
30	SH20-2416-0		JOB ENTRY SUBSYSTEM 3/NETWORKING, LIC PROG 5799-AZT, OPERATIONS GUIDE
30	SH20-2417-0		JOB ENTRY SUBSYSTEM 3/NETWORKING, LIC PROG 5799-AZI, USER'S GUIDE
20	SH20-2432-0		INFORMATION/SYSTEM, LIC PROG 5735-OZS, DESCRIPTION/OPERATIONS
30	SH20-2434-0		VSE/3270 BISSYNCHRONOUS PASS THROUGH, LIC PROG 5746-AM5, PROGRAM REFERENCE & OPERATIONS
38	**SH20-2462-0		DOS/VSE/AF3 REMOTE JOB ENTRY WORKSTATION PROGRAM, LIC PROG 5746-RC9, OPERATOR'S GUIDE
38	**SH20-2463-0		DOS/VSE/AF3 REMOTE JOB ENTRY WORKSTATION PROGRAM, LIC PROG 5746-RC9, PROGRAM REFERENCE
38	**GH20-2479-0		JOB NETWORK FACILITY, LIC PROG 5740-XYW, GENERAL INFORMATION
36	**SH20-2503-0		SOFTWARE SUPPORT SYSTEM, LIC PROG 5799-BAJ PRPQ MK6133 OPERATIONS GUIDE
36	**SH20-2504-0		SOFTWARE SUPPORT SYSTEM, LIC PROG 5799-BAJ PRPQ MK6133 SYSGEN & MAINTENANCE
34	**SH20-250		MVS PAGING SUBSYSTEM EXTENDED SWAP, IUP 5796-PNW, DESCRIPTION/OPERATIONS
30	**SH20-2509-0		3800 90 DEGREE PRINT PROGRAM, IUP 5796-BAC, DESCRIPTION/OPERATIONS
32	**SH20-2510-0	**SN20-4118	UNIVERSAL DUMP ALTER COPY AND SELECT UTILITY, IUP 5796-BAF, DESCRIPTION/OPERATIONS
34	**SH20-2522-0		VIRTUAL LIBRARIAN, IUP 5796-PNZ, DESCRIPTION/OPERATION
30	**SH20-2524-0		INTRODUCTION TO THE DATA EXTRACTION PROCESSING AND RESTRUCTURING SYSTEM, IUP 5796-PLH, TEXTBOOK
30	**SH20-2525-0		INTRODUCTION TO THE DATA EXTRACTION PROCESSING AND RESTRUCTURING SYSTEM, IUP 5796-PLH, STUDY GUIDE
39	**SH20-4083-0		INTERACTIVE PRODUCTIVITY FACILITY, LIC PROG 5748-MS1, USE FEATURE: USER'S GUIDE
50	GH20-4106-5		INFORMATION MANAGEMENT SYSTEM/360 (IMS/360) VERSION 2 SPECIFICATIONS - PROGRAM PRODUCT 5734-XX6
79	GH20-4139-2		STAT/BASIC, PROG. PROD. 5734-XA3 SPECIFICATIONS
82	GH20-4308-2		MATH/BASIC FOR SYSTEM/3 MODEL 6, ITF (CS, DOS, TSO), AND VM/370-CMS: SPECIFICATIONS, PROG. NOS. 5703-XM2 AND 5734-XM8
82	GH20-4326-1		BUSINESS ANALYSIS/BASIC FOR SYSTEM/3 MODEL 6, ITF (OS, DOS, TSO), AND VM/370-CMS: SPECIFICATIONS, PROG. NOS. 5703-XM3 AND 5734-XMB
22	GH20-4347-0		APL SHARED VARIABLES (APLSV) - PROGRAM NO. 5799-AJF (PREC NUMBER WE1191) - SPECIFICATIONS SHEET
38	GH20-4374-0		DOS/VS REMOTE JOB ENTRY WORKSTATION PROGRAM (PROGRAMMING RPO WF0358) - PROGRAM NUMBER 5799-WHX, SPECIFICATIONS
30	GH20-4376-0		3333/3330 DISK STORAGE SERIES MODEL 11 SUPPORT FOR DOS/VS PROGRAM NUMBER 5799-WHZ PRPQ EF4346
50	GH20-4380-3		DL/I-ENTRY DOS/VS, VERSION 2.1, LIC PROG 5746-XX7, SPECIFICATIONS
50	GH20-4391-1		TCAM - IMS INTERFACE SPECIFICATIONS - PROG. NO. 5740-XXC
50	GH20-4395-2		TELECOMMUNICATIONS CONTROL SYSTEM ADVANCED FUNCTION (TCS-AF) - PROG PROD 5740-XXD, SPECIFICATIONS
32	GH20-4488-0		OFFLINE 3800 UTILITY, LIC PROG 5748-UT2, DESIGN OBJECTIVES
30	GH20-4492-0		HIERARCHICAL STORAGE MANAGER - LIC PROG 5740-XRB, DESIGN OBJECTIVES
36	GH20-4493-0		HASP/MVT/3800 PRPQ MJ0792, LIC PROG 5799-AIQ, DESIGN OBJECTIVES
37	GH20-4509-1		DB/DC DRIVER SYSTEM PROG PROD 5740-XXT SPECIFICATIONS
50	GH20-4510-3		DB/DC DATA DICTIONARY, PROG PROD 5740-XXF (OS/VS), 5746-XXC (DOS/VS), SPECIFICATIONS
50	GH20-4516-0		DISPLAY MANAGEMENT SYSTEM/VS VERSION 1 SPECIFICATIONS, DMS/DOS/VS PROG PROD 5746-XC2, DMS/OS/VS PROG PROD 5740-XC2
39	GH20-4521-1		TSO 3270 DISPLAY SUPPORT AND STRUCTURED PROGRAMMING FACILITY (SPF) VERSION 2 SPECIFICATIONS, LIC PROG 5740-XT8
30	GH20-4524-0		VM/370 NETWORKING PRPQ P09007 PROG 5799-ATA, SPECIFICATIONS

30	GH20-4525-0	ASP NETWORKING PRPQ P09008 PROG 5799-ATB, SPECIFICATIONS
30	GH20-4526-0	HASP NETWORKING PRPQ P09009 PROG 5799-ATC, SPECIFICATIONS
50	GH20-4528-0	EXTENDED TELECOMMUNICATIONS MODULES (EXTM) V3 REL 1, MOD LEVEL 0, LIC PROG 5746-XXB, SPECIFICATIONS
28	GH20-4532-0	IBM S/3 DOS RPG II CONVERSION PROCESSOR, PROG PROD 5735-CV1, SPECIFICATIONS
28	GH20-4536-0	IBM DOS/V5 RPG II, PROG PROD 5735-CV1, SPECIFICATIONS
50	GH20-4538-0	GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/V5) - RELEASE 1.1, LIC PROG 5740-XX7, SPECIFICATIONS
30	GH20-4540-0	DATA BASE DESIGN AID (DBDA) VERSION 2, LIC PROG 5740-XY8 (OS), 5746-XXQ (DOS) SPECIFICATIONS
30	GH20-4542-0	EXTENDED FULL SCREEN 3270 CONSOLE INTERFACE FOR VM/370, LIC PROG 5799-AWP PRPQ MJ3269, SPECIFICATIONS
50	GH20-4543-0	TELECOMMUNICATIONS CONTROL SYSTEM-ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF), LIC PROG 5740-XY3, SPECIFICATIONS
30	**GH20-4545-3	HIERARCHICAL STORAGE MANAGER, LIC PROG 5740-XRB, SPECIFICATIONS (CURRENT RELEASE)
30	GH20-4546-0	SEQUENTIAL ACCESS METHOD-EXTENDED (SAM-E) OS/V52 MVS, LIC PROG 5740-AM3, SPECIFICATIONS
50	GH20-4548-1	CICS/DOS/V5, LIC PROG 5746-XX3, SPECIFICATIONS
50	GH20-4551-0	TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF) BASE PROGRAM SPECIFICATIONS
50	GH20-4556-0	DISPLAY MANAGEMENT SYSTEM/3770 RELEASE 2.0, LIC PROG 5748-XC3, SPECIFICATIONS
38	GH20-4557-0	DOS/V5E REMOTE JOB ENTRY WORK STATION REL 1.0, LIC PROG 5746-RC9, SPECIFICATIONS
50	GH20-4558-0	IMS/V5 AUTOMATED OPERATOR FACILITY (AOF) LIC PROG 5740-XYD, SPECIFICATIONS
50	**GH20-4561-4	DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE, LIC PROG 5740-XC5, 5746-XC4 SPECIFICATIONS (CURRENT RELEASE)
50	GH20-4564-0	CUSTOMER INFORMATION CONTROL SYSTEM/OPERATING SYSTEM/VIRTUAL STORAGE (CICS/OS/V5) V1.4.1, LIC PROG 5740-XX1, SPECIFICATIONS
50	GH20-4578-1	DATA BASE/DATA COMMUNICATION DATA DICTIONARY, LIC PROG 5740-XXF (OS/V5, 5746-XXC DOS/V5), DESIGN OBJECTIVES
39	**GH20-4580-0	INTERACTIVE PRODUCTIVITY FACILITY, LIC PROG 5748-MS1, DESIGN OBJECTIVES
28	GH20-4582-0	DOS/V5 RPG II REL 2.0, LIC PROG 5746-RG1, DESIGN OBJECTIVES
50	GH20-4590-1	INFORMATION MANAGEMENT SYSTEM (IMS/V5), LIC PROG 5740-XX2, DESIGN OBJECTIVES
50	GH20-4593-0	DISPLAY MANAGEMENT SYSTEM/3770 (DMS/3770) RELEASE 2, PROG PROD 5748-XC3, DESIGN OBJECTIVE
50	GH20-4609-0	VANDL-1, LIC PROG 5799-ABY, FUNCTIONAL DESCRIPTION
50	GH20-4623-0	FASTER LANGUAGE FACILITY FOR CICS/DOS/V5 PROGRAM NUMBER 5746-XX3 AND FOR CICS/DOS/V5 PROGRAM NUMBER 5740-XX1, FUNCTIONAL DESCRIPTION
50	GH20-4626-0	INTERACTIVE QUERY FACILITY FEATURE FOR IMS (5734-XX6) AND IMS/V5 (5740-XX2), FUNCTIONAL DESCRIPTION
50	GH20-4627-0	CUSTOMER INFORMATION CONTROL SYSTEM/DOS-ENTRY (CICS/DOS-ENTRY), PROG PROD 5736-XX6, FUNCTIONAL DESCRIPTION
50	GH20-4628-0	CUSTOMER INFORMATION CONTROL SYSTEM/DOS-STANDARD (CICS/DOS-STANDARD), PROG PROD 5736-XX7, FUNCTIONAL DESCRIPTION
50	GH20-4629-0	CUSTOMER INFORMATION CONTROL SYSTEM/OS - STANDARD V2 (CICS/OS - STANDARD V2), PROG PROD 5734-XX7, FUNCTIONAL DESCRIPTION
50	GH20-4634-0	CICS/OS/V5, LIC PROG 5740-XX1, VERSION, RELEASE 5 DESIGN OBJECTIVES
39	GH20-4641-2	INTERACTIVE PRODUCTIVITY FACILITY, LIC PROG 5748-MS1, SPECIFICATIONS
50	GH20-4642-2	DL/I DOS/V5, LIC PROG 5746-XX1, SPECIFICATIONS (CURRENT RELEASE)
30	GH20-4645-0	V5E/3270 BISSYNCHRONOUS PASS THROUGH, LIC PROG 5746-AM5, DESIGN OBJECTIVES
39	GH20-4646-0	VM/QMS 3270 DISPLAY SUPPORT AND STRUCTURED PROGRAMMING FACILITY, LIC PROG 5748-XT3, DESIGN OBJECTIVES
30	GH20-4648-0	JES 3 NETWORKING, LIC PROGRAM 5799-AZT, DESIGN OBJECTIVES
50	GH20-4649-0	SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM (SDF/CICS)
50	GH20-5000-0	EXTENDED TELECOMMUNICATIONS MODULES, LIC PROG 5746-XXB, SPECIFICATIONS
50	**GH20-5007-0	DISPLAY MANAGEMENT SYSTEM/3770 DMS/3770), LIC PROG 5748-XC3 FUNCTIONAL DESCRIPTION
50	GH20-5064-0	CUSTOMER INFORMATION CONTROL SYSTEM/DISK OPERATING SYSTEM/VIRTUAL STORAGE, LIC PROG 5746-XX3, DESIGN OBJECTIVES
30	GH20-5281-0	JOB ENTRY SUBSET 3/NETWORKING, LIC PROG 5799-AZT, SPECIFICATIONS
39	GH20-5283-0	STRUCTURED PROGRAMMING FACILITY/CONVERSATIONAL MONITOR SYSTEM, 5748-XT3, SPECIFICATIONS
20	GH20-5292-0	INFORMATION/SYSTEM (INFO/SYSTEM) LIC PROG 5735-OZS, SPECIFICATIONS
30	GH20-5293-0	V5E/3270 BISSYNCHRONOUS PASS THROUGH, LIC PROG 5746-AM5, SPECIFICATIONS
39	**GH20-5304-0	INTERACTIVE PRODUCTIVITY FACILITY, LIC PROG 5748-MS1, SPECIFICATIONS
50	**GH20-5305-0	SCREEN DEFINITION FACILITY/CICS, LIC PROG 5740-XYF, 5746-XXT SPECIFICATIONS
39	**GH20-5306-1	INTERACTIVE PRODUCTIVITY FACILITY, LIC PROG 5748-MS1, SPECIFICATIONS
39	**GH20-5313-0	INTERACTIVE PRODUCTIVITY FACILITY, RELEASE 2 (VM/VSE ENVIRONMENT), LIC PROG 5748-MS1, SPECIFICATIONS
50	**GH20-5315-0	ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE, LIC PROG 5746-XXV, SPECIFICATIONS
50	**GH20-5316-0	ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE/VM, LIC PROG 5478-XXR, SPECIFICATIONS
50	SH20-6132-0	SPM-II FILE COMPRESSION AND REPORTING SYSTEM, IUP 5796-AYG

30	SH20-6135-0			DESCRIPTION/OPERATIONS INTER-REGION ACCESS METHOD - GIRARD BANK, IUP 5796-AYH, DESCRIPTION/OPERATIONS
39	SH20-6137-0			VIRTUAL SPOOLED READER DISPLAY SYSTEM FOR CMS, IUP 5796-AYR, DESCRIPTION/OPERATIONS
37	**SH20-6138-0			AUDIT FILE COMPARE UTILITY, IUP 5796-PNF DESCRIPTION/OPERATIONS
31	SH20-6139-0			JOB DOCUMENTATION AND OPERATIONS SETUP REPORTING SYSTEM IUP 5796-AYT, DESCRIPTION/OPERATION
30	SH20-6145-0			VSAM KSDS FREESPACE MAP, IUP 5796-AYX DESCRIPTION/OPERATIONS
39	SH20-6147-0	SN20-3964	**SN20-3968	APL DATA INTERFACE-II IUP 5796-PNG, DESCRIPTION/OPERATIONS
37	**SH20-6162-1			PASCAL/VS, IUP 5796-PNQ, PROGRAMMERS GUIDE
37	**SH20-6168-1			PASCAL/VS, IUP 5796-PNQ LANGUAGE REFERENCE MANUAL
30	**SH20-6174-0			3800 LINE INSERTER 5796-AZK, DESCRIPTION/OPERATIONS
22	**SH20-6175-0			VS APL SYSTEM EXTENSIONS, IUP 5796-AZT, DESCRIPTION/OPERATIONS
50	**SH20-9025-8			IMS/VS VERSION 1, LIC PROG 5740-XX2, DATA BASE ADMINISTRATIO GUIDE (CURRENT RELEASE)
50	**SH20-9026-8			IMS/VS VERSION 1, LIC PROG 5740-XX2, APPLICATION PROGRAMMING: DESIGNING & CODING (CURRENT RELEASE)
50	SH20-9027-8	**SN20-9343	**SN20-9350	INFORMATION MANAGEMENT SYSTEM/VIRTUAL STORAGE (IMS/VS) LIC FROG 5740-XX2, SYSTEM PROGRAMMING REFERENCE
50	SH20-9028-7	**SN20-9342		IMS/VS V1, LIC PROG 5740-XX2, OPERATOR'S REFERENCE
50	SH20-9029-7	**SN20-9344	**SN20-9351	IMS/VS V1, LIC PROG 5740-XX2, UTILITIES REFERENCE
50	**SH20-9030-10			IMS/VS V1, LIC PROG 5740-XX2, MESSAGES AND CODES (CURRENT RELEASE)
50	GH20-9033-0			GENERALIZED INFORMATION SYSTEM, VERSION 2 (GIS/2) EXECUTIVE QUERY REFERENCE (BASIC INTRODUCTION), FROG. NO. 5734-XX1
50	GH20-9035-2	GN20-9311		GENERALIZED INFORMATION SYSTEM VIRTUAL STORAGE (GIS/VS) GENERAL INFORMATION MANUAL - PROGRAM NUMBER 5740-XX7
50	SH20-9036-1			GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) LIC PROG 5740-XX7, USER'S GUIDE
50	SH20-9037-2	SN20-9242	SN20-9312	GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) SYSTEM PROGRAMMER'S REFERENCE MANUAL 5740-XX7
50	SH20-9038-2	SN20-9313		GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) LANGUAGE REFERENCE MANUAL - 5740-XX7
50	SH20-9039-2	SN20-9314		GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) MESSAGES AND CODES, PROG. PROD. 5740-XX7
50	SH20-9040-2	SN20-9243		GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) LIC PROG 5740-XX7, PLANNING AND OPERATION GUIDE FOR THE ADVANCED QUERY FEATURE
50	GH20-9043-1			GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) EXECUTIVE QUERY REFERENCE MANUAL, PROG. NO. 5740-XX7
50	SH20-9046-2			DL/I DOS, LOW-LEVEL CODE/CONTINUITY CHECK FEATURE, LIC PROG 5746-XX1, REFERENCE/OPERATIONS
50	SH20-9047-0	SN20-9143		INFORMATION MANAGEMENT SYSTEM/VIRTUAL STORAGE (IMS/VS), LOW-LEVEL CODE/CONTINUITY CHECK IN DATA LANGUAGE/I, REFERENCE AND OPERATIONS - PROG. PROD. 5740-XX2
50	**SH20-9053-6			IMS/VS V1, LIC PROG 5740-XX2, MESSAGE FORMAT SERVICE USER GUIDE (CURRENT RELEASE)
50	SH20-9054-4	**SN20-9328	**SN20-9346	IMS/VS VERSION 1 PROGRAMMING GUIDE FOR REMOTE SNA SYSTEMS, LIC PROG 5740-XX2
29	GH20-9056-0			IBM SYSTEM/360 DISK OPERATING SYSTEM INTERACTIVE TERMINAL FACILITY: PL/I AND BASIC: FUNCTIONAL DESCRIPTION, PROG. PRODS. 5736-RC1 AND 5736-RC2
32	GH20-9057-0			OS/MVT AND OS/VS2 TIME SHARING OPTION TSC DATA UTILITIES: COPY, FORMAT, LIST, MERGE: FUNCTIONAL DESCRIPTION PROG. PROD. 5734-UT1
22	GH20-9058-0			APL/360-OS, LIC PROG 5734-XM6, FUNCTIONAL DESCRIPTION
22	GH20-9059-0			APL/360-DOS, LIC PROG 5736-XM6, FUNCTIONAL DESCRIPTION
23	SH20-9060-2			VS BASIC FOR VSPC, LIC PROG 5748-XX1, TERMINAL USER'S GUIDE
	**SD26-6038			
25	GH20-9061-3	GN26-0901		VSPC FORTRAN, LIC PROG 5748-FO2, GENERAL INFORMATION
25	SH20-9062-2	SN20-9303		VSPC FORTRAN, LIC PROG 5748-FO2, TERMINAL USER'S GUIDE
	**SD26-6039			
25	SH20-9063-2			VSPC FORTRAN, LIC PROG 5748-FO2, REFERENCE MATERIAL
39	**GH20-9064-6			VS APL GENERAL INFORMATION PROGRAM NUMEER 5748-API
22	SH20-9065-4	SN20-9298	**SN20-9327	VS APL INSTALLATION REFERENCE MATERIAL PROG PROD 5748-API
22	**SH20-9066-3			VS APL FOR VSPC: TERMINAL USER'S GUIDE PROG PROD 5748-API
22	**SH20-9067-3			VS APL FOR CMS: TERMINAL USER'S GUIDE PROG PROD 5748-API
22	**SH20-9068-2			VS APL FOR CMS AND TSO: WRITING AUXILIARY PROCESSORS, LIC PROG 5748-API
50	GH20-9069-2			IMS/VS VERSION 1 FAST PATH FEATURE, PROG PROD 5740-XX2, GENERAL INFORMATION
39	GH20-9070-5	GN20-9316		VS PERSONAL COMPUTING (VSPC) FOR OS/VS AND DOS/VS: GENERAL INFORMATION, PROG PROD 5740-XR5, -XR6, -XRA, 5746-XR3
39	SH20-9071-2	SN20-9317		VS PERSONAL COMPUTING (VSPC) GENERAL USER'S GUIDE AND COMMAND LANGUAGE, LIC PROG 5740-XR5, 5740-XR6, 5746-XR3
39	SH20-9072-3	SN20-9318		VS PERSONAL COMPUTING (VSPC) INSTALLATION REFERENCE MATERIAL PROG PRODS 5740-XR5, 5740-XR6, 5746-XR3
39	SH20-9073-2	SN20-9315		VS PERSONAL COMPUTING (VSPC) TERMINALS FROG PROD 5740-XR5, 5740-XR6, 5746-XR3
	**SD26-6042			
39	SH20-9074-2			VSPC WRITING PROCESSORS, LIC PROG 5740-XR5, 5740-XR6, 5746-XR3
50	**SH20-9081-6			IMS/VS V1, LIC PROG 5740-XX2, INSTALLATION GUIDE (CURRENT RELEASE)
50	SH20-9083-2			DB/DC DATA DICTIONARY, LIC PROG 5746-XXC, TERMINAL USER'S GUIDE AND COMMAND REFERENCE (CURRENT RELEASE)
50	SH20-9084-3	SN20-9319		DB/DC DATA DICTIONARY, LIC PROG 5746-XXC, INSTALLATION GUIDE (CURRENT RELEASE)
50	**SH20-9085-4			IMS/VS, LIC PROG 5740-XX2, MASTER INDEX & GLOSSARY (CURRENT RELEASE)
22	**GH20-9086-9			VS APL PROGRAM PRODUCT SPECIFICATIONS PROGRAM NUMBER 5748-API
22	SH20-9087-0			APL SHARED VARIABLES (APLSV) VERSION 3 USER'S GUIDE, PROGRAMMING RPQ MG6282 PROG 5799-AQC
22	SH20-9088-0			APL SHARED VARIABLES (APLSV) V3 OPERATIONS GUIDE PROGRAMMING RPQ MG6282, PROG 5799-AQC
39	GH20-9089-3			OS/VS1 VIRTUAL STORAGE PERSONAL COMPUTING (VSPC)

25	GH20-9101-3			SPECIFICATIONS, PROG PROD 5740-XR5
22	GH20-9102-0			VSPC FORTRAN, LIC PROG 5748-FO2, SPECIFICATIONS
50	GH20-9104-3			APL SHARED VARIABLES (ALPSV) VERSION 3.0 SPECIFICATIONS, PROGRAMMING RPQ MG6282, PROG 5799-AGC
32	SH20-9105-0			DB/DC DATA DICTIONARY, LIC PROG 5740-XXF, 5746-XXC, GENERAL INFORMATION (CURRENT RELEASE)
32	SH20-9106-0			OS/MVT 3350 and 3330 MODEL II PROGRAMMER'S GUIDE, PROG 5799-ARG, RPQ EG4653
39	SH20-9107-0	SN20-9265		OS/MVT ANALYSIS PROGRAM-1 (AP-1) USER'S GUIDE: PROG 5799-ARG PRPQ EG4653 FOR 3350 & 3330 MODEL 11 ON SYSTEM/370
39	GH20-9108-3			VS TSIO GUIDE AND REFERENCE, PROG PROD 5740-XR9
39	GH20-9109-0			OS/VS2 MVS VIRTUAL STORAGE PERSONAL COMPUTING (VSPC) SPECIFICATIONS PROG PROD 5740-XR6
32	SH20-9111-0	SN20-9273		DOS/VS VIRTUAL STORAGE PERSONAL COMPUTING (VSPC) PROD 5746-XR3 SPECIFICATIONS
39	GH20-9114-0			OS/MVT AND OS/VS DASDR, LIC PROG 5740-UT1, USER'S GUIDE
32	GH20-9115-0			VS TSIO, LIC PROG 5740-XR9, GUIDE & REFERENCE
32	GH20-9116-1			3350-3330 MODEL 11 MVT (PRPQ EG 4653) PRG 5799-ARG SPECIFICATIONS
50	**GH20-9117-8			DASDR, LIC PROG 5740-UT1, SPECIFICATIONS
30	GH20-9122-0	GN20-9271		IMS/VS, LIC PROG 5740-XXX2, SPECIFICATIONS (CURRENT RELEASE)
24	GH20-9131-0			OS/VS2 MVS SEQUENTIAL ACCESS METHOD-EXTENDED (SAM-E), LIC PROG 5740-AM1, -AM3, GENERAL INFORMATION
36	GH20-9132-0			IBM OS FULL AMERICAN NATIONAL STANDARD COBOL COMPILER AND LIBRARY VERSION 3 FUNCTIONAL DESCRIPTION, PROG PROD 5734-CE1
36	SH20-9133-0			HASP/MVT/3800, LIC PROG 5799-ATQ, SPECIFICATIONS, PRPQ MJ079
36	SH20-9134-0			3800 PRINTING SUBSYSTEM PROGRAMMER'S GUIDE FOR HASP/MVT/3800
36	SH20-9136-0			HASP/MVT/3800 OPERATOR GUIDE, PRPQ MJ0792, LIC PROG 5799-ATQ
32	GH20-9137-0			HASP/MVT/3800 USER'S GUIDE, PRPQ MJ0792 - LIC PROG 5799-ATQ
32	SH20-9138-0	SN20-9277		OFFLINE 3800 UTILITY, LIC PROG 5748-UT2, SPECIFICATIONS
30	SH20-9144-2			OFFLINE 3800 UTILITY, LIC PROG 5748-UT2, MANUAL
50	SH20-9145-0	SN20-9324	**SN20-9341	OS/VS2 MVS SEQUENTIAL ACCESS METHOD-EXTENDED (SAM-E) INSTALLATIONS STORAGE ESTIMATING
50	SD21-0005			IMS/VS VERSION 1, LIC PROG 5740-XX2, PRIMER
50	SH20-9146-0			IMS/VS VERSION 1, LIC PROG 5740-XX2, PRIMER MASTER TERMINAL OPERATOR'S GUIDE: BTAM
50	SH20-9147-0			IMS/VS VERSION 1, LIC PROG 5740-XX2, PRIMER MASTER TERMINAL OPERATOR'S GUIDE: VTAM
50	SH20-9148-0			IMS/VS VERSION 1, LIC PROG 5740-XX2, PRIMER REMOTE TERMINAL OPERATOR'S GUIDE
50	SD21-0006	SN20-9325		IMS/VS VERSION 1, LIC PROG 5740-XX1, PRIMER SAMPLE LISTINGS
22	SH20-9149-0			
22	SD21-0007			
22	SH20-9167-0	SN20-9288		VS APL FOR CICS/VS, LIC PROG 5748-AP1, TERMINAL USER'S GUIDE
22	SH20-9168-0			VS APL FOR CICS/VS: WRITING AUXILIARY PROCESSORS, LIC PROG 5748-AP1
50	SH20-9173-0	**SN20-9337		DB/DC DATA DICTIONARY, LIC PROG 5746-XXC, APPLICATIONS GUIDE (CURRENT RELEASE)
50	SH20-9174-0	SN20-9326		DB/DC DATA DICTIONARY, LIC PROG 5740-XXC ADMINISTRATION & CUSTOMIZATION GUIDE (CURRENT RELEASE)
50	**SH20-9178-1			IMS/VS VERSION 1, LIC PROG 5740-XX2, SYSTEM ADMINISTRATION GUIDE (CURRENT RELEASE)
22	**SH20-9180-0			VS APL FOR TSO, LIC PROG 5748-AP1, TERMINAL USER'S GUIDE
22	**SH20-9182-0			VS APL FOR CMS, LIC PROG 5748-AP1, INSTALLATION REFERENCE MATERIAL
22	**SH20-9183-0			VS APL FOR TSO, LIC PROG 5748-AP1, INSTALLATION REFERENCE MATERIAL
50	**SH20-9189-0			OS/VS DB/DC DATA DICTIONARY, LIC PROG 5740-XXF, TERMINAL USER'S GUIDE AND COMMAND REFERENCE
50	**SH20-9190-0			OS/VS DB/DC DATA DICTIONARY LIC PROG 5740-XXF, APPLICATIONS GUIDE
50	**SH20-9191-0			OS/VS DB/DC DATA DICTIONARY, LIC PROG 5740-XXF INSTALLATION GUIDE
39	**GH20-9192-1			VS PERSONAL COMPUTING (VSPC) VERSION 2 FOR OS/VS2 MVS, LIC PROG 5665-283, GENERAL INFORMATION
22	**SH20-9199-0			VS APL GRAPHPAK, LIC PROG 5748-AP1, USER'S GUIDE
36	GH20-9500-0			IBM SYSTEM/370 DISTRIBUTED SYSTEM PROGRAM REFERENCE MANUAL PROGRAM NUMBER 360A-TX-032
36	GH20-9501-0			SYSTEM/370 DISTRIBUTED SYSTEM PROGRAM OPERATIONS GUIDE PROG. NO. 360A-TX-032
50	SH24-5001-2	SN24-5657	SN24-5659	DL/I DOS/VS, LIC PROG 5746-XX1, USER'S GUIDE
50	SH24-5002-2	SN24-5677		DL/I-DOS/VS, LIC PROG 5746-XX1, DIAGNOSTIC GUIDE (CURRENT RELEASE)
30	**GH24-5003-1			VIRTUAL MACHINE FACILITY/370: REMOTE SPOOLING COMMUNICATIONS SUBSYSTEM NETWORKING RELEASE 2, LIC PROG 5748-XP1, SPECIFICATION
30	GH24-5004-1			VIRTUAL MACHINE FACILITY/370: REMOTE SPOOLING COMMUNICATIONS SUBSYSTEM NETWORKING, LIC PROG 5748-XP1, GENERAL INFORMATION
30	**SH24-5005-1			VIRTUAL MACHINE FACILITY/370: REMOTE SPOOLING COMMUNICATIONS SUBSYSTEM NETWORKING, LIC PROG 5748-XP1, PROGRAM REFERENCE AND OPERATIONS
50	SH24-5007-0			DL/I DOS/VS IMF, LIC PROG 5746-XX1, USER'S GUIDE
50	**SH24-5009-0			DL/I DOS/VS LIC PROG 5746-XX1 HIGH LEVEL INTERACTIVE GUIDE (CURRENT RELEASE)
50	SH24-5010-0			DL/I DOS/VS LIC PROG 5746-XX1 HIGH LEVEL INTERACTIVE ICR GUIDE (CURRENT RELEASE)
50	**GH24-5012-0			SQL/DATA SYSTEM, LIC PROG 5748-XXJ, GENERAL INFORMATION
50	**GH24-5013-0			SQL/DATA SYSTEM, LIC PROG 5748-XXJ, CONCEPTS AND FACILITIES
30	**GH35-0007-4			OS/VS2 MVS HIERARCHICAL STORAGE MANAGER, PROG PROD 5740-XRB, GENERAL INFORMATION
50	**GH35-0010-2			IMS/VS DATA BASE RECOVERY CONTROL FEATURE GENERAL INFORMATION
30	**SH35-0023-2			OS/VS2 MVS HIERARCHICAL STORAGE MANAGER PROGRAMMER'S REFERENCE AND OPERATIONS GUIDE, LIC PROG 5740-XRE
30	**SH35-0024-2			MVS HIERARCHICAL STORAGE MANAGER, LIC PROG 5740-XRB, USER'S GUIDE (CURRENT RELEASE)

30	**SH35-0025-2			OS/VS2 MVS HIERARCHICAL STORAGE MANAGER MESSAGES, IIC FROG 5740-XRB (CURRENT RELEASE)
50	**SH35-0027-2			IMS/VS DATA BASE RECOVERY CONTROL FEATURE, LIC PROG 5740-XX2, REFERENCE INFORMATION
30	GH35-0034-1			OS/VS MASS STORAGE SYSTEM EXTENSIONS GENERAL INFORMATION
30	SH35-0035-0	SN35-0090	SN35-0094	OS/VS MASS STORAGE SYSTEM EXTENSIONS SERVICES GUIDE LIC PROG 5740-XYG
		SN35-0119	SN35-0134	
		**SN35-0160	**SN35-0182	
30	SH35-0036-0	SN35-0088	SN35-0120	OS/VS MASS STORAGE SYSTEM EXTENSIONS SERVICES: REFERENCE, LIC PROG 5740-XYG
		SN35-0136	**SN35-0151	
30	SH35-0040-2	**SN35-0158		OS/VS MASS STORAGE SYSTEM EXTENSIONS, LIC FROG 5740-XYG, OPERATION
30	SH35-0041-2	SN35-0138	**SN35-0162	OS/VS MASS STORAGE SYSTEM EXTENSIONS, LIC FROG 5740-XYG, MESSAGES
		**SN35-0180		
30	GH35-0043-0			MASS STORAGE SYSTEM EXTENSIONS, LIC PROG 5740-XYG, SPECIFICATIONS
50	**GH35-0044-2			IMS/VS DATA BASE RECOVERY CONTROL FEATURE, LIC PROG 5740-XX2, SPECIFICATIONS
30	**SH35-0045-0			OS/VS2 MVS HIERARCHICAL STORAGE MANAGER, IIC FROG 5740-XRB, DIAGNOSIS GUIDE
99	SJA0-0300-0			OS/VS2 REL 868 DEMF
99	SJA0-0302-0			SINGLE VIRTUAL SYSTEM/DATA EXCEPTION MONITORING FACILITY PROGRAM, (SVS/DEMF), 5742-017
37	LJA0-0303-1			VIRTUAL SYSTEMS EXTENDED/INTERACTIVE PROBLEM CONTROL SYSTEM LIC PROG 5746-SA1 MICROFICHE LISTINGS
50	LJA0-0304-1			NETWORK PROBLEM DETERMINATION APPLICATION NPDA/MVS, LISTINGS
99	LJA0-0305-1			VM/INTERACTIVE PROBLEM CONTROL SYSTEM EXTENSION (VM/IPC) LIC PROG 5748-SA1, MICROFICHE LISTINGS
50	LJA0-0306-0			NETWORK PROBLEM DETERMINATION APPLICATION (VSE/NPDA) LIC PROG 5735-XX8, LISTINGS
50	LJA0-0307-1			NETWORK PROBLEM DETERMINATION APPLICATION (NPDA), LISTINGS
50	LJA0-0308-0			NETWORK PROBLEM DETERMINATION APPLICATION (NPDA) VSI UNIQUE, LIC PROG 5735-XX8, LISTINGS
50	**LJA0-0309-1			NPDA OS/VSI OS/VS2 COMMON
50	**LJA0-0310-0			NPDA/VSI UNIQUE
50	**LJA0-0311-0			NPDA/MVS UNIQUE
50	**LJA0-0312-1			VSE/NPDA RELEASE 2
50	**LJA0-0313-0	**LNB5-0555		3600 THRESHOLD ANALYSIS AND REMOTE ACCESS FEATURE (TARA) MVS VSI/TARA 5735-XX8, LISTINGS
37	**LJA0-0315-0			VSE/IPC LIC PROG 5746-SA1 LISTINGS
37	**LJA0-0326-1			INFORMATION/SYSTEMS 5735-OZS RELEASE 2.0, LISTINGS
37	**LJA0-0330-0			INFORMATION/MANAGEMENT 5735-OZS REL 1.0 LISTINGS
50	LJB1-0402-0			ACF/VTAM FOR DOS/VS, PROG PROD 5746-RC3, COMPONENT 5745-SC-VTM-G03, ASSEMBLY LISTING MICROFICHE
50	LJB1-0403-0			ACF/VTAM MULTISYSTEM NETWORKING FEATURE (MSNF) PROG PROD 5746-RC3, COMPONENT 5745-SC-VTM-G04 ASSEMBLY LISTING FICHE
50	SJB1-0404-0			VTAM SCP MODULES FOR USE WITH ACF/VTAM, PROG PROD 5747-CF1 COMPONENT 5745-SC-VTM-721
50	LJB1-0405-0			NOSP FOR DOS/VS: NETWORK OPERATION SUPPORT, PROG PROD 5735-XX2, ASSEMBLY LISTING MICROFICHE
99	SJB1-0406-0			BTAM SCP FOR DOS/VSE BASIC TELECOMMUNICATION ACCESS METHOD SYSTEM CONTROL PROGRAMMING, SCP 5747-GC1 MICROFICHE LISTING
30	LJB1-0407-0			BTAM-ES, LIC PROG 5746-RC5 LISTINGS (CURRENT RELEASE)
50	LJB1-0408-0	LJB1-0411		ADVANCED COMMUNICATION FUNCTION FOR VIRTUAL TELECOMMUNICATIONS ACCESS METHOD MSNF, LIC PROG 5746-RC3 LISTINGS (CURRENT RELEASE)
50	LJB1-0409-0			ADVANCED COMMUNICATION FUNCTION FOR VIRTUAL TELECOMMUNICATIONS ACCESS METHOD, LIC PROG 5746-RC3, MICROFICHE LISTINGS
50	SJB1-0410-0			VIRTUAL TELECOMMUNICATIONS ACCESS METHOD SYSTEM CONTROL PROGRAMMING, 5747-CF1, MICROFICHE LISTINGS
50	LJB1-0413-0			NETWORK COMMUNICATIONS CONTROL FACILITY PROGRAM ID 5735-XX6 LPS GC27-0428 COMP ID 5745-XX600-G06
50	**LJB1-0414-0			VTAM COMMUNICATION NETWORK APPLICATION PROGRAM ID 5735-RC5 LPS GC27-0503 COMP ID 5745-SCRSA, LISTINGS
50	**LJB1-0415-0			ACF/VTAM RELEASE 3 BASE, LIC PROG 5746-RC3, LPS GC27-0460 PIN G42, LISTINGS
50	LJB1-0417-1			OS/VS1 NETWORK OPERATIONS SUPPORT PROGRAM 5735-XX2 MICROFICHE LISTINGS
50	LJB1-0418-1			OS/VS1 VIRTUAL TELECOMMUNICATIONS (SNA3) 5735-RC2 MICROFICHE LISTINGS
50	LJB1-0419-1			OS/VS1 VIRTUAL TELECOMMUNICATION (SNA3) 5735-RC2 LISTINGS
50	LJB1-0421-1			OS/VS1 VIRTUAL COMMUNICATION (SNA3) 5735-RC2 MICROFICHE LISTINGS
50	LJB1-0422-0			ACF/VTAM PP FOR AS1 6.7, 7.0 5735-RC2 LISTINGS
50	LJB1-0423-0			ACF/VTAM NETWORKING FOR AS1 6.7, 7.0 LISTINGS
50	SJB1-0424-0			ACF/VTAM SCP FOR AS1 6.7, 7.0, LISTINGS
50	LJB1-0425-1			ACF/VTAM ENCRYPT/DECRYPT FOR AS1 6.7 7.0 5735-RC2, LISTINGS
50	LJB1-0426-0			NETWORK COMMUNICATIONS CONTROL FACILITY PROGRAM ID NUMBER 5735-XX6 LPS GC27-0428 COMP ID NUMBER 5741-2Z600-HCS1101
50	LJB1-0427-0			NETWORK COMMUNICATIONS CONTROL FACILITY PROGRAM ID 5735-XX6 LPS GC27-0428 COMP ID 5741-XX600-HCS1301
50	**LJB1-0429-0			VTAM COMMUNICATION NETWORK APPLICATION LIC PROG 5735-RC5 LPS GC27-0503 COMP ID 5741-VA123
50	LJB1-0431-0	LNB9-0113		NETWORK OPERATION SUPPORT PROGRAM (NOSP) PROG 5735-XX2 LISTINGS FOR OS/VS2 MVS COMPONENT 5735-XX200-E74
50	LJB1-0432-0	LNB9-0084	LNB9-0111	ACF/VTAM FOR SVS, PROG 5735-RC2 COMPONENT 5742-SC1-23-E02
50	LJB1-0433-0	LNB9-0085	LNB9-0112	ACF/VTAM MULTISYSTEM NETWORKING FOR SVS, PROG 5735-RC2 COMPONENT ID 5742-SC1-23-F03
99	SJB1-0434-0			VTAM SCP FOR OS/VS, PROG 5742-017 COMPONENT 5742-SC1-23-571
50	LJB1-0435-0			ADVANCED COMMUNICATIONS FUNCTION FOR VIRTUAL TELECOMMUNICATIONS ACCESS METHOD BASE PP PROGRAM NUMBER 5735-RC2, LPS GC27-0460 COMP ID 5735-SC123-H70
50	LJB1-0436-0			ADVANCED COMMUNICATION FUNCTION FOR VIRTUAL TELECOMMUNICATIONS ACCESS (MSNF) PROGRAM NUMBER 5735-RC2, LPS GC27-0461 COMP ID NUMBER 5752-SC123-H71

50	SJB1-0437-0			ADVANCED COMMUNICATIONS FUNCTION FOR VIRTUAL TELECOMMUNICATIONS ACCESS METHOD SCP PROGRAM NUMBER 5752-VS2, LPS GC27-0459 COMP ID NUMBER 5742-SC123-869
50	LJB1-0438-0			ADVANCED COMMUNICATION FUNCTION FOR VIRTUAL TELECOMMUNICATION ACCESS METHOD (ENCRYPT/DECRYPT) PROGRAM 5735-RC2, LPS GC27-0458 COMP ID 5752-SC123-H93
50	LJB1-0439-0			NETWORK COMMUNICATIONS CONTROL FACILITY, (NCCF) PROGRAM 5752-XX6 LPS - GC27-0428 COMPID 5752-XX600, LISTINGS
50	LJB1-0440-0			NETWORK COMMUNICATIONS CONTROL FACILITY PROGRAM ID 5735-XX6 LPS GC27-0428 COMP ID 5752-XX600-BES1302, LISTINGS
50	**LJB1-0442-0			NETWORK COMMUNICATION CONTROL FACILITY PROGRAM ID 5735-XX6 LPS GC27-0428 COMP ID 5741-XX600-HCS1502, LISTINGS
50	**LJB1-0443-0	**LNC2-6650		ACF/VTAM RELEASE 3 BASE PROGRAM ID 5735-RC2 LPS GC27-0460 FMID JVT 1312, LISTINGS
50	**LJB1-0444-0			ACF/VTAM RELEASE 3 NETWORKING PROGRAM ID 5735-RC2 LPS GC27-0460 FMID JVT 1322, LISTINGS
50	**LJB1-0445-0			ACF/VTAM RELEASE 3 CRYPTO PROGRAM ID 5735-RC2 LPS GC27-0460 FMID JVT 1332, LISTINGS
50	**LJB1-0450-0			NETWORK TERMINAL OPTION PROGRAM ID 5735-XX7 LPS GC38-0299 COMP ID 5735-XX700-BMT1200, LISTINGS
50	**LJB1-0451-0			NETWORK TERMINAL OPTION PROGRAM ID 5735-XX7 LPS GC38-0299 COMP ID 5735-XX700-GA5, LISTING
50	**SJB1-0453-0			ACF/VTAM RELEASE 3 SCP #5747-CF1 LPS GC27-0459 PIN 741, LISTINGS
50	**LJB1-0454-0			ACF/VTAM RELEASE 3 NETWORKING, LIC PROG 5746-RC3 LPS GC38-0284 PIN G43, LISTINGS
50	LJB1-0457-0			NETWORK TERMINAL OPTION PROGRAM ID 5735-XX7 LPS GC38-0299 COMP ID 5735-XX700
50	LJB1-0458-0			ACF/VTAME, LIC PROG 5746-RC7 COMP ID 5746-SCVTM-G11 LISTINGS (CURRENT RELEASE)
50	SJB1-0459-0			ADVANCED COMMUNICATION FUNCTION FOR VIRTUAL TELECOMMUNICATIONS ACCESS METHOD PROGRAM ID 5747-CG2, LPS GC27-0437 COMP ID 5747-SCVTM-730, LISTINGS
50	LJB1-0460-0			NETWORK TERMINAL OPTION PROGRAM ID 5735-XX7, COMP ID - 5735-XX700 LPS - GC38-0299
99	SJB1-0461-0			SVS VTAM ICR - OS/V8 SCP 5742-017
50	**LJB1-0960-3			DOS/V8 8100/DPCX HOST PREP, LIC PROG 5731-XX3
99	SJB2-9000-0			OS/V82 REL 3.0 SMP 5752-VS2 PROGRAM LISTINGS
99	SJB2-9001-0			V82 REL 1.7 SMP 5742-017 PROGRAM LISTINGS
99	SJB2-9003-0			OS/V82 REL 01.7 - OBR/EREP/RDE MICROFICHE LISTINGS
99	SJB2-9004-0			OS/V82 RELEASE 03.6 - OBR/EREP/RDE
99	SJB2-9006-0			OS/V82 SVS PROCESSOR SUPPORT, SCP 5742-017, ICR UY99951
99	SJB2-9007-0			OS/V82 MVS PROCESSOR SUPPORT 2
99	SJB2-9008-0	SNC8-0013		OS/V82 MVS PROCESSOR SUPPORT 2 MICROFICHE LISTINGS
99	SJB2-9009-0			JES 3 3800 ENHANCEMENT, LISTINGS
99	**SJB2-9010-0			EREP RELEASE 1.1 OS/V82 RELEASE 3.8 OS/V81 RELEASE 7.0, LIC PROG 5744-ER1, LISTINGS
34	LJB2-9500-1			OS/V82 - RMF - PROG PROD 5740-XXM, LISTINGS
39	LJB2-9501-1	LNB9-0028	LNB9-0043	OS/V82 DASD TSO COMMAND PACKAGE, PROG 5740-XT6
		LNB9-0066	LNB9-0073	
		LNB9-0091	LNB9-0122	
30	LJB2-9503-0	LNB9-0010	LNB9-0018	OS/V82 RACF V2 REL 1 SU814 5740-XXB LISTINGS
		LNC8-0001	LNC8-0003	
34	LJB2-9504-1	LNB9-0024	LNB9-0040	OS/V82 RMF VERS 2 REL 1 LISTINGS - PROG PROD 5740-XY4
30	LJB2-9505-2	LNB9-0077	LNB9-0087	OS/V82 RACF V1 R3 LISTINGS, PROG PROD 5740-XXH
39	LJB2-9506-2	LNB9-0125		OS/V82 MVS TSO 3270 EXTENDED DISPLAY SUPPORT SESSION MANAGER, LIC PROG 5740-XE2, VER 1, REL. 2
34	LJB2-9507-2			OS/V82 - RMF REL 2 VERS 2 POST PROCESSOR UPDATE PROG PROD 5740-XY4
34	LJB2-9508-1			OS/V82 MVS SYSTEM EXTENSIONS 1.0, LIC PROG 5740-XE1, LISTINGS
97	LJB2-9509-1			OS/V82 853 - RMF VERSION 2 REL 2 SYSTEM EXPANSION SUPPORT
30	LJB2-9510-0			V82 839 PROGRAMMED CRYPTO FACIL, LIC PROG 5740-XY5, LISTINGS
30	LJB2-9511-1			OS/V81 PROGRAMMED CRYPTOGRAPHIC FACILITY, LIC PROG 5740-XY5 MICROFICHE LISTING
31	LJB2-9512-0	LNC8-0008		MVT 3031/3032/3033 PROCESSOR SUPPORT PRPQ, ICR S99951
34	LJB2-9513-0			MVS/SYSTEM EXTENSIONS RELEASE 2, LISTINGS
20	**LJB2-9514-0			MVS/SYSTEM PRODUCT JES 3, LIC PROG 5740-XYN VERSION 1 RELEASE 1 MODIFICATION 0
34	**LJB2-9515-0	**LNC8-0020		RMF VERSION 2 RELEASE 2 MVS/SYSTEM PRODUCT LIC PROG 5740-XY4 RELEASE 1 SUPPORT
30	LJB2-9516-0			OS/V82 MVS CUSP
30	**LJB2-9517-0			OS/V81 CRYPTOGRAPHIC UNIT SUPPORT
36	**LJB2-9518-0	**LNC8-0019		MVS/SYSTEM PRODUCT JES 2, LIC PROG 5740-XY5 VERSION 1 RELEASE 1 MODIFICATION 0
36	**LJB2-9520-0			MVS/SYSTEM PRODUCT, LIC PROG 5740-XY5, JES2 VERSION 1 RELEASE 2 MODIFICATION, LISTINGS
36	**LJB2-9521-0			MVS/SYSTEM PRODUCT, LIC PROG 5740-XYN, JES3 VERSION 1 RELEASE 2 MODIFICATION, LISTINGS
32	LJB6-0001-0	LNB9-0007	LNB9-0013	IBM 3350/3330-11 PRPQ (US99931) FOR USE WITH OS/MVT (21.8) PROG 5799-ARG
		LNB9-0019	LNB9-0025	
		LNB9-0030	LNB9-0032	
		LNB9-0036	LNB9-0045	
		LNB9-0058	LNB9-0079	
		LNB9-0132		
32	LJB6-0002-2	LNC7-2726	LNC7-2728	DATA MANAGEMENT SUPPORT (DASDR), LIC PROG 5740-UT1 MICROFICHE LISTINGS
50	**LJB6-0003-5	LNC7-2737		INFORMATION MANAGEMENT SYSTEM/VIRTUAL STORAGE VERSION 1 (IMS/V8 V1) PROG PROD 5740-XX2 FAST PATH FEATURE LISTINGS
50	**LJB6-0004-4			IMS/V8 V1 LIC PROG 5740-XX2, IMS PSEUDO MODULE LISTINGS
36	LJB6-0008-0			IBM HASP/MVT/3800 MICROFICHE LISTINGS, PRPQ MJ0792, PROG 5799-ATQ
32	LJB6-0009-1			OS/V81 CITOPS (ARGOT UTILITY) 5748-UT2 MICROFICHE LISTINGS
32	LJB6-0010-0			OFFLINE 3800 UTILITY, LIC PROG 5748-UT2, DOS/V8 REL 34, LISTINGS
50	**LJB6-0014-3			IMS/V8 V1, LIC PROG 5740-XX2, DATA BASE SURVEYOR UTILITY

		FEATURE LISTINGS
30	LJB6-0015-1	OS/VS1 DATA MANAGEMENT, LIC PROG 5740-AM8, MICROFICHE LISTINGS
37	SJB6-0021-0	MSVI MODIFICATION PROGRAM
39	**LJB6-0024-1	OS/VS2 MVS VSPC (VS PERSONAL COMPUTING) DATA AREAS, LIC PROG 5740-XR6, MICROFICHE LISTINGS
39	LJB6-0025-0	OS/VS2 MVS VSPC SYMBOLIC NAME CROSS REFERENCE TABLE, LIC PROG 5740-X26 MICROFICHE LISTINGS
39	**LJB6-0034-1	OS/VS1 VS PERSONAL COMPUTING (VSPC) REL. 2 DATA AREAS, LIC PROG 5740-XR5, MICROFICHE LISTING
39	LJB6-0035-0	OS/VS1 VS PERSONAL COMPUTING (VSPC) REL. 2 SYMBOLIC NAME CROSS REFERENCE TABLE, LIC PROG 5740-XR5, MICROFICHE LISTINGS
50	LJB6-0036-0	IMS/VS DB RECOVERY, MICROFICHE LISTINGS
50	LJB6-0037-1	DB/DC DATA DICTIONARY DATA AREAS AND CROSS-REFERENCE INFORMATION, LIC PROG 5740-XXF OS/VS RELEASE 3, LISTINGS
50	LJB6-0038-1	DB/DC DATA DICTIONARY, LIC PROG 5740-XXF, OS/VS RELEASE 3, LISTING
50	LJB6-0039-0	DB/DC DATA DICTIONARY DATA AREAS AND CROSS-REFERENCE INFORMATION, LIC PROG 5746-XXC, LISTINGS (CURRENT RELEASE)
50	LJB6-0040-0	DB/DC DATA DICTIONARY, LIC PROG 5746-XX6 DCS/VS RELEASES, (CURRENT RELEASE)
29	**LJB6-0050-0	OS PL/I OPTIMIZER COMPILER RELEASE 4, LIC PROG 5734-PL1 FMID HPL0400 LISTINGS
29	**LJB6-0051-0	OS PL/I RESIDENT LIBRARY RELEASE 4, LIC PROG 5734-IM4 FMID HRL0400 LISTINGS
29	**LJB6-0052-0	OS PL/I TRANSIENT LIBRARY RELEASE 4, LIC PROG 5734-LM5 FMID HTL0400 LISTINGS
29	**LJB6-0053-0	DOS PL/I OPTIMIZER COMPILER RELEASE 6, LIC PROG 5736-PL1, FMID DOSPL60 LISTINGS
29	**LJB6-0054-0	DOS PL/I RESIDENT LIBRARY RELEASE 6, LIC PROG 5736-LM4, FMID DOSRL60 LISTINGS
29	**LJB6-0055-0	DOS PL/I TRANSIENT LIBRARY RELEASE 6, LIC PROG 5736-LM5, FMID DOSTL60 LISTINGS
30	**LJB6-0056-0	OS/VS2 (MVS) DATA FACILITY/DEVICE SUPPORT RELEASE 1 LIC PROG 5740-AM7 LISTINGS
30	**LJB6-0057-1	OS/VS2 (MVS) DFDS RELEASE 1 SYMBOL NAME CROSS-REFERENCE, LISTINGS
30	**LJB6-0058-0	OS/VS1 DFDS RELEASE 1 LISTING, LIC PROG 5740-AM6, LISTING
30	**LJB6-0059-0	OS/VS1 DFDS RELEASE 1 SYMBOL CROSS-REFERENCE, LIC PROG 5740-AM6, LISTINGS
32	**LJB6-0060-1	DATA FACILITY DATA SET SERVICES 5740-UT3 LISTINGS
30	**LJB6-0061-0	OS/VS2 (MVS) DATA FACILITY DEVICE SUPPORT DATA AREAS, LIC PROG 5740-AM7 FMID JDM1134 JDS1134 JUT1134 LISTINGS
30	**LJB6-0062-0	OS/VS1 DFDS DATA AREAS, LIC PROG 5740-AM6, LISTINGS
30	**LJB6-0063-0	DASD MIGRATION AID FMID HMA 1100 5668-002, LISTINGS
30	**LJB6-0064-0	DATA FACILITY EXTENDED FUNCTION, LIC PROG 5740-XYQ, LISTINGS
30	**LJB6-0065-0	DATA FACILITY EXTENDED FUNCTION CROSS REFERENCE LISTING CROSS REFERENCE 5740-XYQ
30	**LJB6-0066-0	OS/VS2 (MVS) DFDS RELEASE 1 ENHANCEMENT, LIC PROG 5740-AM7, LISTINGS
30	**LJB6-0067-0	OS/VS2 (MVS) DFDS, LIC PROG 5740-AM7, RELEASE 1 ENHANCEMENTS DATA AREAS, LISTINGS
99	SJB6-6000-0	SNB6-9900 OS/VS2 VSAM ENHANCED MICROFICHE REL 3.0, 3.6, 3.7
99	SJB6-6001-0	OS/VS1 ANALYSIS PROGRAM 1 (AP-1), SCP 5741-VS1
99	SJB6-6002-0	OS/VS2 ANALYSIS PROGRAM 1 (AP-1) PROGRAM LISTING - SCP COMPONENT 5752-SC1-31
99	SJB6-6003-0	DOS/VS ANALYSIS PROGRAM 1 (AP-1) LISTINGS - SCP COMPONENT 5745-SC-APC
99	SJB6-6004-0	OS/VS1 ANALYSIS PROGRAM 1 (AP-1) LISTINGS - SCP COMPONENT 5741-SC1-31
99	SJB6-6006-0	IBM 3800 PRINTING SUBSYSTEM ICR (UY99914) 5742-017 INDEX
99	SJB6-6007-0	OS/VS2 (SVS) ICR FOR THE 3850 MSS AND ENHANCED VSAM INDEX
99	SJB6-6008-0	OS/VS2 (SVS) ICR FOR THE 3850 ALLOCATION TO MOUNTED VOLUMES
99	SJB6-6009-0	DOS/VS POWER/VS IBM 3800 PRINTING SUBSYSTEM ICR PROGRAM LISTING MICROFICHE
99	SJB6-6010-0	SNB6-9905 DOS/VS REL 34 IBM 3800 PRINTING SUBSYSTEM ICR PROGRAM LISTING MICROFICHE, 5745-010
99	SJB6-6011-0	DOS/VS REL 35 (5747-CC1) 3800 PRINTING SUBSYSTEM IR MICROFICHE LISTINGS
99	SJB6-6013-0	OS/VS2 (MVS) 3800 ENHANCEMENTS DATA MANAGEMENT 5752-VS2, LISTINGS
99	SJB6-6014-0	OS/VS2 (MVS) 3800 ENHANCEMENTS DATA MANAGEMENT SUPPORT 5752-VS2, LISTINGS
99	SJB6-6015-0	OS/VS2 (MVS) 3800 ENHANCEMENTS UTILITIES 5752-VS2, LISTINGS
99	SJB6-6016-0	OS/VS1 3800 ENHANCEMENTS DATA MANAGEMENT 5652-VS1 RELEASE 7.0, LISTINGS
99	SJB6-6017-0	OS/VS1 3800 ENHANCEMENTS DATA MANAGEMENT SUPPORT 5652-VS1 RELEASE 7.0 LISTINGS
99	SJB6-6018-0	OS/VS1 3800 ENHANCEMENTS UTILITIES 5652-VS1 RELEASE 7.0, LISTINGS
99	**SJB6-6019-0	DOS/VSE DEVICE SUPPORT FACILITIES, 5745-030 DCSXE83 LISTINGS
22	**LJB6-6101-1	VS APL, LIC PROG 5748-AP1, FOR OS/VS ENVIRONMENT LISTINGS
22	**LJB6-6102-1	VS APL, LIC PROG 5748-AP1, FOR VM/CMS ENVIRONMENT LISTINGS
22	**LJB6-6103-0	VS APL, LIC PROG 5748-AP1, FOR DOS ENVIRONMENT LISTINGS
99	SJD2-0001-0	MICROFICHE FOR OS/VS2 RELEASE 1.6 REFERENCE LISTINGS
99	SJD2-0010-0	SNB9-0750 OS/VS2 SMF (5742-SC1-02)
99	SJD2-0020-1	SNB9-0620 OS/VS2 IEHINITT (5742-SC1-UD)
99	SJD2-0030-0	SNB9-0630 OS/VS2 IEHSTATR (5742-SC1-UE)
99	SJD2-0040-1	SNB9-0300 OS/VS2 TAPE ERP/VES (5742-SC1-CC)
99	SJD2-0050-0	SNB9-0740 OS/VS2 IEBEDIT (5742-SC1-U9)
99	SJD2-0060-1	OS/VS2 IEHLIST (5742-SC1-U2)
99	SJD2-0070-1	SNB9-0700 OS/VS2 IEHPROGM (5742-SC1-U3)
99	SJD2-0080-1	SNB9-0450 OS/VS2 CATALOG (5742-SC1-D3)
99	SJD2-0090-1	OS/VS2 SMF SCHEDULER (5742-SC1-00)
99	SJD2-0100-0	OS/VS2 TSO TRACE (5742-SC1-T9)
99	SJD2-0110-1	OS/VS2 PASSWORD PROTECT (5742-SC1-DC)

99	SJD2-0120-1	SNB9-0540	OS/VS2 TSO UTILITIES (5742-SC1-T2)
99	SJD2-0130-1	SNB9-0530	OS/VS2 TSO TEST (5742-SC1-T1)
99	SJD2-0140-0	SNB9-0330	OS/VS2 EXT/PREC/FLT PT SIM (5742-SC1-CP)
99	SJD2-0160-1	SNB9-0610	OS/VS2 IEBMOVE (5742-SC1-UC)
99	SJD2-0170-1	SNB9-0710	OS/VS2 IEBCOPY (5742-SC1-U6)
99	SJD2-0180-1		OS/VS2 IEBGENER (5742-SC1-U7)
99	SJD2-0190-1	SNB9-0730	OS/VS2 IEBUPDTE (5742-SC1-U8)
99	SJD2-0200-1	SNB9-0600	OS/VS2 IEBPTPCH (5742-SC1-UA)
99	SJD2-0210-1	SNB9-0670	OS/VS2 IEBCOMPR (5742-SC1-UK)
99	SJD2-0220-1		OS/VS2 IEBISAM (5742-SC1-UB)
99	SJD2-0230-1	SNB9-0660	OS/VS2 IEBDG (5742-SC1-UJ)
99	SJD2-0240-1	SNB9-0520	OS/VS2 TSO EDIT (5742-SC1-T0)
99	SJD2-0250-0		OS/VS2 IPL (5742-SC1-C1)
99	SJD2-0260-1	SNB9-0370	OS/VS2 SUPERVISOR (5742-SC1-C5)
99	SJD2-0270-1	SNB9-0320	OS/VS2 RMS (5742-SC1-CE)
99	SJD2-0280-1	SNB9-0800	OS/VS2 GSP (5742-SC1-07)
99	SJD2-0290-1	SNB9-0510	OS/VS2 GAM (5742-SC1-G0)
99	SJD2-0300-1	SNB9-0360	OS/VS2 DIDOCS (5742-SC1-C4)
99	SJD2-0310-1	SNB9-0820	OS/VS2 DSS (5742-SC1-10)
99	SJD2-0320-1	SNB9-0580	OS/VS2 TSO SUPERVISOR (5742-SC1-T7)
99	SJD2-0330-1	SNB9-0210	OS/VS2 SYSTEM RESTART (5742-SC1-B3)
99	SJD2-0350-1	SNB9-0220	OS/VS2 ALLOCATION (5742-SC1-B4)
99	SJD2-0360-1	SNB9-0230	OS/VS2 Q MANAGER (5742-SC1-B5)
99	SJD2-0370-1	SNB9-0240	OS/VS2 INITIATOR (5742-SC1-B6)
99	SJD2-0380-1	SNB9-0250	OS/VS2 TERMINATION (5742-SC1-B7)
99	SJD2-0390-1	SNB9-0260	OS/VS2 COMMANDS (5742-SC1-B8)
99	SJD2-0400-1	SNB9-0270	OS/VS2 READER/INTERPRETER (5742-SC1-B9)
99	SJD2-0410-1	SNB9-0560	OS/VS2 TSO SCHEDULER (5742-SC1-T4)
99	SJD2-0420-1	SNB9-0310	OS/VS2 OBR/SDR/EREP (5742-SC1-CD)
99	SJD2-0430-1	SNB9-0830	OS/VS2 GTF (5742-SC1-11)
99	SJD2-0440-1		OS/VS2 AMASPZAP (5742-SC1-12)
99	SJD2-0450-1	SNB9-0850	OS/VS2 AMDPRDMP (5742-SC1-13)
99	SJD2-0460-1	SNB9-0870	OS/VS2 AMDSADMP (5742-SC1-15)
99	SJD2-0470-1	SNB9-0880	OS/VS2 AMAPTFILE (5742-SC1-16)
99	SJD2-0480-1		OS/VS2 AMDPRDMP/EDIT (5742-SC1-18)
99	SJD2-0490-0		OS/VS2 3735 MACROS/UTILITY (5742-SC1-22)
99	SJD2-0530-0		OS/VS2 EXTENDED SVC ROUTER (5742-SC1-CP)
99	SJD2-0540-1		OS/VS2 MAPPING MACROS (5742-SC1-01)
99	SJD2-0550-1	SNB9-0790	OS/VS2 OLTEP (5742-SC1-06)
99	SJD2-0560-1	SNB9-0890	OS/VS2 BTAM (5742-SC1-20)
99	SJD2-0570-1	SNB9-0900	OS/VS2 TCAM (5742-SC1-21)
99	SJD2-0580-0	SNB9-0650	OS/VS2 IEBTCRIN (5742-SC1-UG)
99	SJD2-0590-0	SNB9-0390	OS/VS2 3505/3525 (5742-SC1-DD)
99	SJD2-0600-1	SNB9-0470	OS/VS2 OCR (5742-SC1-D5)
99	SJD2-0640-1	SNB9-0340	OS/VS2 OVERLAY SUPERVISOR (5742-SC1-C2)
99	SJD2-0650-1	SNB9-0380	OS/VS2 FETCH (5742-SC1-C7)
99	SJD2-0660-1	SNB9-0420	OS/VS2 SAM (5742-SC1-D0)
99	SJD2-0670-1	SNB9-0440	OS/VS2 PAM (5742-SC1-D2)
99	SJD2-0680-1	SNB9-0480	OS/VS2 MICR (5742-SC1-D6)
99	SJD2-0690-1	SNB9-0490	OS/VS2 DAM (5742-SC1-D7)
99	SJD2-0700-1	SNB9-0350	OS/VS2 IOS (5742-SC1-C3)
99	SJD2-0710-1	SNB9-0280	OS/VS2 DASD ERP (5742-SC1-CA)
99	SJD2-0720-1	SNB9-0290	OS/VS2 UNIT RECORD ERP (5742-SC1-CB)
99	SJD2-0730-1	SNB9-0590	OS/VS2 TSO SUBROUTINE TCAM (5742-SC1-T8)
99	SJD2-0740-1	SNB9-0550	OS/VS2 TSO DATA MANAGEMENT (5742-SC1-T3)
99	SJD2-0750-1		OS/VS2 IBCDMPRS (5742-SC1-I0)
99	SJD2-0760-1		OS/VS2 IBCDASDI (5742-SC1-I1)
99	SJD2-0770-1	SNB9-0680	OS/VS2 IEHDASDR (5742-SC1-U0)
99	SJD2-0780-1	SNB9-0640	OS/VS2 IEHATLAS (5742-SC1-UF)
99	SJD2-0790-1	SNB9-0200	OS/VS2 SYSOUT WRITER (5742-SC1-B2)
99	SJD2-0800-1		OS/VS2 ICAPRTBL (5742-SC1-I2)
99	SJD2-0810-1	SNB9-0500	OS/VS2 ISAM (5742-SC1-D8)
99	SJD2-0820-1	SNB9-0810	OS/VS2 CHECKPOINT/RESTART (5742-SC1-09)
99	SJD2-0830-1	SNB9-0430	OS/VS2 OPEN/CLOSE/EOV (5742-SC1-D1)
99	SJD2-0840-1	SNB9-0460	OS/VS2 DADSM (5742-SC1-D4)
99	SJD2-0850-1	SNB9-0570	OS/VS2 LINK LOADGO PROMPTER (5742-SC1-T5)
99	SJD2-0860-1	SNB9-0770	OS/VS2 LINKAGE EDITOR (5742-SC1-04)
99	SJD2-0870-1	SNB9-0780	OS/VS2 LOADER (5742-SC1-05)
99	SJD2-0880-1	SNB9-0860	OS/VS2 AMBLIST (5742-SC1-14)
99	SJD2-0890-1	SNB9-0760	OS/VS2 ASSEMBLER XF (5742-SC1-03)
99	SJD2-0920-0		OS/VS2 3895 ICR SVS 1.7 MICROFICHE
99	SJD2-0921-0		OS/VS2 3895 ICR SVS 1.7 MICROFICHE
99	SJD2-0922-0		OS/VS2 3895 ICR SVS 1.7 MICROFICHE
99	SJD2-0923-1		OS/VS2 3895 ICR SVS 1.7 MICROFICHE
99	SJD2-0924-0		OS/VS2 3895 ICR SVS 1.7 MICROFICHE
99	SJD2-0925-0		OS/VS2 3895 ICR SVS 1.7 MICROFICHE
99	SJD2-0926-0		OS/VS2 3895 ICR SVS 1.7 MICROFICHE
99	SJD2-1190-0		3330/3333 MODEL #11 SUPPORT LISTINGS COMPONENT NO. 5742-SC1-S1
99	SJD2-1220-1	SNB9-0400	OS/VS2 VSAM LISTINGS - COMPONENT NO. 5742-SC1-DE
99	SJD2-1280-0		SMP ICR FOR SVS REL 1.7 (SU63)
99	SJD2-1300-0		OS/VS2 RELEASE 1.6 POWER WARNING FEATURE ICR 5742-SC1-0E
99	SJD2-2000-6		IPL 5741-SC1-C1 VS1 LISTING
99	SJD2-2001-7		IOS 5741-SC1-C3 VS1 LISTING
99	SJD2-2002-7		SUPERVISOR OS/VS1 MICROFICHE LISTING - COMPONENT 5741-SC1-C5
99	SJD2-2003-4		MAPPING MACROS OS/VS1 COMPONENT NO. 5741-SC1-01
99	SJD2-2009-7		SCHEDULER-SMP 5741-SC1-00 VS1 LISTING
99	SJD2-2010-6		UNIT RCD ERP OS/VS1 MICROFICHE LISTING - COMPONENT 5741-SC1-CB
99	SJD2-2014-7		JECS 5741-SC1-B0 VS1 LISTING
99	SJD2-2015-7		L/P STREAM CTL OS/VS1 MICROFICHE LISTING - COMPONENT 5741-SC1-B1
99	SJD2-2016-7		O/P STREAM CTL OS/VS1 MICROFICHE LISTING - PROGRAM 5741-SC1-E2
99	SJD2-2017-7		SYSTEM RESTART OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-B3
99	SJD2-2018-7		ALLOCATION OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-B4

99 SJD2-2019-7 SWADS MANAGER 5741-SC1-B5 VS1 LISTING
 99 SJD2-2020-7 INITIATOR OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
 5741-SC1-B6
 99 SJD2-2021-7 TERMINATION OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
 5741-SC1-B7
 99 SJD2-2022-7 COMMANDS OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
 5741-SC1-B8
 99 SJD2-2023-7 INTERPRETER OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
 5741-SC1-B9
 99 SJD2-2024-6 OS/VS1 RESTART RDR/DSDR PROCESSING (5741-SC1-BD)
 99 SJD2-2025-6 SYSTEM LOG OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
 5741-SC1-BE
 99 SJD2-2026-6 WTP OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-BF
 99 SJD2-2027-5 MSI 5741-SC1-BG VS1 LISTING
 99 SJD2-2028-3 IMCJOBQD 5741-SC1-17 VS1 LISTING
 99 SJD2-2030-5 DIDOCs OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-C4
 99 SJD2-2031-5 GAM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-G0
 99 SJD2-2032-5 GSP OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-07
 99 SJD2-2033-5 RMS OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-CE
 99 SJD2-2034-6 OS/VS1 SYSTEM ASSEMBLER COMPONENT NO. 5741-SC1-03
 99 SJD2-2038-5 OBR/EREP/RDE OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
 5741-SC1-CD
 99 SJD2-2041-5 GTP OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-11
 99 SJD2-2042-7 HMASPZAP OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
 5741-SC1-12
 99 SJD2-2043-5 HMDPRDMP OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
 5741-SC1-13
 99 SJD2-2044-4 HMDSADMP 5741-SC1-15 VS1 LISTING
 99 SJD2-2045-4 HMAPTPL 5741-SC1-16 VS1 LISTING
 99 SJD2-2046-5 OLTEP OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-06
 99 SJD2-2047-2 REL 4,5 EXTENDED SVC ROUTER 5741-SC1-CF VS1 LISTING (REL 6 NCV
 IN SJD2-2002)
 99 SJD2-2048-5 IEHLIST MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-U2
 99 SJD2-2049-5 OS/VS1 BTAM LISTINGS, SCP COMPONENT 5741-SC1-20
 99 SJD2-2051-5 OCR OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-D5
 99 SJD2-2053-4 IEHTCRIN OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
 5741-SC1-UG
 99 SJD2-2054-6 CHECKPOINT RESTART OS/VS1 MICROFICHE LISTING - COMPONENT
 5741-SC1-09
 99 SJD2-2055-7 FETCH OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-C7
 99 SJD2-2056-5 OVERLAY SUPERVISOR MICROFICHE LISTING - COMPONENT NUMBER
 5741-SC1-C2
 99 SJD2-2057-5 SAM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-D0
 99 SJD2-2058-5 OPEN/CLOSE/EOV OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
 5741-SC1-D1
 99 SJD2-2059-7 PAM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-D2
 99 SJD2-2060-5 DADSM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-D4
 99 SJD2-2061-5 MICR OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-D6
 99 SJD2-2062-5 DAM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-D7
 99 SJD2-2063-5 ISAM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-D8
 99 SJD2-2064-5 JAM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-D9
 99 SJD2-2067-5 DASD ERP OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
 5741-SC1-CA
 99 SJD2-2068-7 OS/VS1 LINKAGE EDITOR MICROFICHE LISTING - COMPONENT NUMBER
 5741-SC1-04
 99 SJD2-2069-5 LOADER OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-05
 99 SJD2-2074-5 JESCOMPATINT 5741-SC1-DB VS1 LISTING
 99 SJD2-2076-4 HMBLIST OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
 5741-SC1-14
 99 SJD2-2077-6 IBCDMPRS 5741-SC1-I0 VS1 LISTING
 99 SJD2-2078-6 IBCDASDI MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-I1
 99 SJD2-2079-2 ICAPRTEL 5741-SC1-I2 VS1 LISTING
 99 SJD2-2080-6 IEHDASDR OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
 5741-SC1-U0
 99 SJD2-2081-3 IEHIOSUP 5741-SC1-U1 VS1 LISTING
 99 SJD2-2082-5 IEHATLAS OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
 5741-SC1-UF
 99 SJD2-2084-5 CRJE OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER 5741-SC1-0A
 99 SJD2-2085-5 IEBCOPY 5741-SC1-U6 VS1 LISTING
 99 SJD2-2086-5 OS/VS1 COMPONENT NO. 5741-SC1-U7, IEBCOMER, LISTINGS
 99 SJD2-2087-5 IEBUGPTE OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
 5741-SC1-U8
 99 SJD2-2088-5 IEBPTPCH OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
 5741-SC1-UA
 99 SJD2-2089-5 OS/VS1 COMPONENT NO. 5741-SC1-UK, IEBCOMER LISTINGS
 99 SJD2-2090-5 IEHISAM OS/VS1 MICROFICHE LISTING - COMPONENT NUMBER
 5741-SC1-UH
 99 SJD2-2091-5 IEBDG OS/VS1 MICROFICHE LISTING 5741-SC1-UJ
 99 SJD2-2092-5 IEHMOVE OS/VS1 MICROFICHE LISTING 5741-SC1-UC
 99 SJD2-2094-3 SMP OS/VS1 MICROFICHE LISTING COMPONENT NUMBER - 5741-SC1-02
 99 SJD2-2096-5 OS/VS1 COMPONENT, NO. 5741-SC1-U3, IEHPRCGM LISTINGS
 99 SJD2-2097-5 OS/VS1 COMPONENT NO. 5741-SC1-UD IEHINITR, LISTINGS
 99 SJD2-2098-5 OS/VS1 COMPONENT NO. 5741-SC1-UE, IEHSTATR LISTINGS
 99 SJD2-2099-5 CATALOG OS/VS1 MICROFICHE LISTING 5741-SC1-D3
 99 SJD2-2100-4 PASSWORD PROTECT OS/VS1 MICROFICHE LISTING COMPONENT NUMBER -
 5741-SC1-DC
 99 SJD2-2101-6 TAPE ERP/VES 5741-SC1-CC VS1 LISTING
 99 SJD2-2102-4 IEBEDIT 5741-SC1-U9 VS1 LISTING
 99 SJD2-2105-6 RES 5741-SC1-BB VS1 LISTING
 99 SJD2-2106-4 HMDPRDMP EDIT 5741-SC1-18 VS1 LISTING
 99 SJD2-2107-2 RES ACCOUNT FACILITY 5741-SC1-BC VS1 LISTINGS
 99 SJD2-2108-4 3505 3525 READER PUNCH 5741-SC1-DD VS1 LISTING
 99 SJD2-2110-4 EX P/P SIMULATOR 5741-SC1-CP VS1 LISTING
 99 SJD2-2111-6 NIP OS/VS1 LISTING, SCP COMPONENT 5741-SC1-C8
 99 SJD2-2113-3 VTAM 5741-SC1-23 VS1 LISTING

99	SJD2-2114-4		OS/VS1 IDCAMS MICROFICHE ASSEMBLY LISTINGS, 5741-SC1-DK
99	SJD2-2115-4		3890 DOC PROC 5741-SC1-DF VS1 LISTING
99	SJD2-2116-4		3886 OCR 5741-SC1-DL VS1 LISTING
99	SJD2-2118-4		OS/VS1 VSAM, COMPONENT NO. 5741-SC1-DE LISTINGS
99	SJD2-2120-2		HMASMP 5741-SC1-30 VS1 LISTING
99	SJD2-2121-2		POWER WARNING FEATURE 5741-SC1-0E VS1 LISTING
99	SJD2-2122-4		ISSP 5741-SC1-BK VS1 LISTING
99	SJD2-2124-2		TCAM 5741-SC1-21 VS1 LISTING
99	SJD2-2125-0		OS/VS1 TCAM LEVEL 5 OBR/SDR/EREP SUPPORT - PROGRAM NUMBER
			5741-SC1-CD
99	SJD2-2128-2		SYSGEN 5741-SC1-S1 VS1 LISTING
99	SJD2-2129-4		IMCOSJQD 5741-SC1-19 VS1 LISTING
99	SJD2-2131-2		OS/VS1 3540 DISKETTE SUPPORT - SCP COMPONENT 5741-SC1-DN
99	SJD2-2132-1		MSSC 5741-SC1-DP VS1 LISTING
99	SJD2-2134-2		TOLTEP 5741-SC1-0C VS1 LISTING
99	SJD2-2135-0		3540 DISKETTE 5741-SC1-BL VS1 LISTING
99	SJD2-2138-0		AP-1 5741-SC1-31 VS1 LISTING
99	SJD2-2139-2		DSM ERP 5741-SC1-CI VS1 LISTING
99	SJD2-2140-4		JOB LIST MGR 5741-SC1-BJ VS1 LISTING
99	SJD2-2141-2		MSCTC 5741-SC1-DQ VS1 LISTING
99	SJD2-2142-1		MSVC 5741-SC1-DR VS1 LISTING
99	SJD2-2143-2		MSSDA 5741-SC1-DS VS1 LISTING
99	SJD2-2144-2		TRACE 5741-SC1-DT VS1 LISTING
99	SJD2-2145-1		SERV 5741-SC1-DU VS1 LISTING
99	SJD2-2147-1		COMPONENT INDEX 5741-SC1-ZZ VS1 LISTING
99	SJD2-2148-1		MSS RECOVERY MGMT 5741-SC1-BZ VS1 LISTING
99	SJD2-2149-1		IEBIMAGE 5741-SC1-UM VS1 LISTING
99	SJD2-2151-0		OS/VS1 ASSEMBLER, SCP 5741-AS1, MICROFICHE LISTINGS
99	SJD2-2152-0		OS/VS1 BASE CONTROL PROGRAM EBA1101 5741-EA1 MICROFICHE
			LISTINGS
99	SJD2-2153-0		OS/VS1 BASIC TELECOMMUNICATIONS ACCESS METHOD 5741-BT1
			MICROFICHE LISTINGS
99	SJD2-2154-0		OS/VS1 DATA MANAGEMENT 5741-DM1 MICROFICHE LISTINGS
99	SJD2-2155-0		OS/VS1 DATA MANAGEMENT SUPPORT 5741-DS1 MICROFICHE LISTINGS
99	SJD2-2156-0	SNC8-0007	OS/VS1 ENVIRONMENT, RECORDING, EDITING AND PRINT PROGRAM
			5744-ER1 MICROFICHE LISTINGS
99	SJD2-2157-0		OS/VS1 GRAPHICS ACCESS METHOD/GRAPHICS PROGRAM SERVICE, SCP
			5741-GA1, MICROFICHE LISTINGS
99	SJD2-2158-0		OS/VS1 GRAPHICS SUBROUTINE PACKAGE SCP 5741-GS1 LISTINGS
99	SJD2-2159-0		OS/VS1 MICR/OCR, SCP 5741-MO1, MICROFICHE LISTINGS
99	SJD2-2160-0		OS/VS1 REL 601 - OBR/EREP
99	SJD2-2161-1		OS/VS1 TELECOMMUNICATIONS ACCESS METHOD VERSION 0 5741-TC1
			MICROFICHE LISTINGS
99	SJD2-2162-0		OS/VS1 SELECTABLE UNIT 3 (SSS R5, SUID 5741-603) LISTINGS
99	SJD2-2163-0		OS/VS1 SELECTABLE UNIT 604 MICROFICHE SUID 5741-604
99	SJD2-2164-0		OS/VS1 SELECTABLE UNIT 605 MICROFICHE (SUID 5741-605)
99	SJD2-2165-0		OS/VS1 SELECTABLE UNIT 606 MICROFICHE SUID 5741-606
99	SJD2-2171-1		OS/VS1 TELECOMMUNICATIONS ACCESS METHOD VERSION 1 5735-RC1
			MICROFICHE LISTINGS
50	LJD2-2172-1		OS/VS1 TELECOMMUNICATIONS ACCESS METHOD VERSION 1 5735-RC1
			MICROFICHE LISTINGS
50	LJD2-2173-1		OS/VS1 TELECOMMUNICATIONS ACCESS METHOD VERSION 1 5735-RC1
			MICROFICHE LISTINGS
50	SJD2-2174-1		OS/VS1 VIRTUAL TELECOMMUNICATIONS (SNA3) 5735-RC2 MICROFICHE
			LISTINGS
99	**SJD2-2177-2		OS/VS1 DATA MANAGEMENT SERVICE, SUID 5741-638, MICROFICHE
			LISTINGS
99	SJD2-2178-1		OS/VS1 VPSS 5742-VP1 MICROFICHE LISTINGS
99	SJD2-2179-0		OS/VS1 SELECTABLE UNIT 620 MICROFICHE SUID 5741-620
99	SJD2-2181-0		OS/VS1 SELECTABLE UNIT 622 MICROFICHE SUID 5741-622
99	SJD2-2182-0		SMP ICR FOR VS1-5 REL 03.0, SUID 5741-622
99	SJD2-2183-1		OS/VS1 DISPLAY EXCEPTION MONITORING FACILITY, LIC PROG
			5741-DEI, MICROFICHE LISTINGS
99	SJD2-2184-0		ASSEMBLER LISTINGS
99	SJD2-2185-0		OS/VS1 MASS STORAGE SYSTEM 5741-MS1 MICROFICHE LISTINGS
99	SJD2-2186-0		OS/VS1 PROGRAM MANAGEMENT 5741-PM1 MICROFICHE LISTINGS
99	SJD2-2187-0		OS/VS1 CONVERSATIONAL REMOTE JOB ENTRY SCP 5741-RJ1 MICROFICHE
			LISTINGS
99	SJD2-2188-0		OS/VS1 SERVICE AIDS 5741-SA1 MICROFICHE LISTINGS
99	SJD2-2189-0		OS/VS1 SUBSYSTEM SUPPORT SERVICES SCP 5741-SS1 MICROFICHE
			LISTINGS
99	SJD2-2190-0		OS/VS1 SYSTEMS SUPPORT 5741-ST1 MICROFICHE LISTINGS
99	SJD2-2191-0		OS/VS1 SUPPORT 5741-SX1 MICROFICHE LISTINGS
99	SJD2-2192-0		OS/VS1 UTILITIES 5741-UT1 MICROFICHE LISTINGS
99	SJD2-2193-0		OS/VS1 VIRTUAL TELECOMMUNICATIONS (SNA2) 5741-VT2 MICROFICHE
			LISTINGS
99	SJD2-2194-0		BASE SYSTEM CONTROL PROGRAM (SCHED/SUP/IOS), LISTINGS
99	**SJD2-2195-20		VS1/OS GENERAL INDEX REL 067/070 TAPE 8103
38	LJD2-2196-0		INFORMATION DISTRIBUTION WORKSTATION SUPPORT, LIC PROG
			5740-XYE, LISTINGS
99	SJD2-2197-0		BASIC TELECOMMUNICATIONS ACCESS METHOD LISTINGS
30	LJD2-2198-0		PROGRAMMED CRYPTOGRAPHIC FACILITY, LIC PROG 5740-XY5 LISTINGS
99	SJD2-2199-0		DISPLAY EXCEPTION MONITORING FACILITY (DEMP) LISTINGS
99	SJD2-2200-0		DATA MANAGEMENT, LISTINGS
30	LJD2-2201-0		AMS CRYPTO, LIC PROG 5740-AM8, LISTINGS
99	SJD2-2202-0		DATA MANAGEMENT SUPPORT LISTINGS
32	LJD2-2203-0		DASDR PROGRAM PRODUCT, LIC PROG 5740-UT1, LISTINGS
99	SJD2-2204-0		ENVIRONMENT RECORDING, EDITING AND PRINT PROGRAM, LIC PROG
			5744-ER1, LISTINGS
99	SJD2-2205-0		GRAPHICS ACCESS METHOD/GRAPHICS PROGRAM SERVICE LISTINGS
99	SJD2-2206-0		OS/VS1 GRAPHICS SUBROUTINE PACKAGE, LISTINGS
99	SJD2-2207-0		MICR/OCR LISTINGS
99	SJD2-2208-0		MASS STORAGE SYSTEM (MSS), LISTINGS
50	LJD2-2209-0		NETWORK OPERATIONS SUPPORT PROGRAM, LIC PROG 5735-XX2, LISTINGS
99	SJD2-2210-0		PROGRAM MANAGEMENT LISTINGS

99	SJD2-2211-0			CONVERSATIONAL REMOTE JOB ENTRY (CRJE) LISTINGS
99	SJD2-2212-0			SERVICE AIDS (INCLUDES ORB/MDR), LISTINGS
99	SJD2-2213-0			SUBSYSTEM SUPPORT SERVICES LISTINGS
99	SJD2-2214-0			SYSTEM SUPPORT, LISTINGS
99	SJD2-2215-0			VS/1 SUPPORT, LISTINGS
99	SJD2-2216-0			SMP LISTINGS
99	SJD2-2217-0			TCAM 10, LISTINGS
99	SJD2-2218-0			UTILITIES LISTINGS
32	LJD2-2219-0			ARGOT UTILITY, LIC PROG 5748-UT2, LISTINGS
99	SJD2-2220-0			VPSS, LISTINGS
99	SJD2-2221-0			VIRTUAL TELECOMMUNICATIONS (SNA 2) LISTINGS
99	SJD2-2222-0			VIRTUAL TELECOMMUNICATIONS (SNA 3) LISTINGS
50	LJD2-2223-0			VTAM BASE, LIC PROG 5735-RC2, LISTINGS
50	LJD2-2224-0			VTAM MSMP LISTINGS
50	LJD2-2225-0			VTAM CRYPTO, LIC PROG 5735-RC2, LISTINGS
99	SJD2-4103-2			3705-OS/VS-ASM PROGRAM LISTING INDEPENDENTLY DISTRIBUTED PROGRAM 5744-AN1
99	SJD2-4104-6			IBM 3705 EMULATOR PROGRAM FOR VIRTUAL STORAGE - MICROFICHE PROGRAM NOS. 5735-SC1, 5744-AN1, 5747-AG1
30	LJD2-4106-0			3704/5 EMULATOR PRPQ P85004 SIX BIT TRANSCCDE - PROGRAM NUMBER 5799-AGA
30	LJD2-4107-0			3705/4 EP PRPQ P85007 SPECIAL START-STOP - PROGRAM NUMBER 5799-AGK
99	SJD2-4108-1			3704/3705 SSP - DOS/VS (5747-AG1)
99	SJD2-4109-3			3704/3705 NETWORK CONTROL PROGRAM LISTINGS No. 5744-BA1
99	SJD2-4120-0	SSC0-8022		DOS/VS SSP MODULES, LISTINGS - PROG. NO. 5747-AJ2
99	SJD2-4121-3	SNB8-3656		NCP MODULES FOR OS/VS - LISTINGS - PROG. NO. 5744-BA2
99	SJD2-4122-2	**SNB8-4542		DOS/VS NCP LISTINGS - PROG. NO. 5747-AJ2
99	SJD2-4129-2			NCP 5.0, OS/VS SCP 5744-BA2
99	SJD2-4130-2			NCP 5.0, DOS/VS SCP 5747-AJ2
99	SJD2-4131-1			EP 3.0 OS/VS SCP 5744-AN1
99	SJD2-4133-0	SNB8-4123	SNB8-4304	EP 3.0, OS PROG 360H-TX-035
		SNB8-4309	SNB8-4313	
		SNB8-4320	SNB8-4327	
		SNB8-4522	SNB8-4530	
		SNB8-4533	SNB8-4537	
99	SJD2-4138-2			ACF/NCP/VS R.2.1 NCP/SSP MODULES 5747-CB1, LISTINGS
99	SJD2-4139-2			ACF/NCP/VS R.2.1 NCP/SSP MODULES 5747-CH1 DOS, LISTINGS
50	LJD2-4140-2			ACF/NCP/VS R.2.1 NCP/SSP MODULES 5735-XX1, LISTINGS
50	LJD2-4141-2			ACF/NCP/VS NCP/SSP LIC PROG 5735-XX1 LISTINGS (CURRENT RELEASE)
50	LJD2-4142-2			ACF/NCP/VS R.2.1 NCP/SSP MODULES 5735-XX1, LISTINGS LIC PROG 5735-XX3
50	LJD2-4143-2			ACF/NCP/VS NCP/SSP LIC PROG 5735-XX3 LISTINGS (CURRENT RELEASE)
99	SJD2-4144-0			370X NCP 5.0 5744-BA2 REFRESH
30	LJD2-4150-0			PEP EXTENDED FEATURE PRPQ
99	SJD2-4200-2			OS/VS2 RELEASE 3.7 SYSTEM CROSS REFERENCE
99	SJD2-4230-1			OS/VS2 RELEASE 2.0 JES2 5752-SC1-BB
99	SJD2-4240-2			OS/VS2 RELEASE 2.0 EXTERNAL WRITER 5752-SC1-B2
99	SJD2-4250-2			OS/VS2 RELEASE 2.0 SCHEDULER RESTART 5752-SC1-B3
99	SJD2-4260-2			OS/VS2 RELEASE 2.0 ALLOC/UNALLOCATE 5752-SC1-B4
99	SJD2-4270-2			OS/VS2 RELEASE 2.0 SWA MANAGER 5752-SC1-B5
99	SJD2-4280-2			OS/VS2 RELEASE 2.0 INITIATOR TERMINATOR 5752-SC1-B6
99	SJD2-4300-2			OS/VS2 RELEASE 2.0 SYSTEM COMMANDS (SVC34) 5752-SC1-B8
99	SJD2-4310-2			OS/VS2 RELEASE 2.0 CONVERTER/INTERPRETER 5752-SC1-B9
99	SJD2-4320-2			OS/VS2 RELEASE 2.0 DASD ERP 5752-SC1-CA
99	SJD2-4330-2			OS/VS2 RELEASE 2.0 UNIT RECORD ERP 5752-SC1-CB
99	SJD2-4340-2			OS/VS2 RELEASE 2.0 TAPE ERP 5752-SC1-CC
99	SJD2-4350-2			OS/VS2 RELEASE 2.0 OBR/EREP/RDE 5752-SC1-CD
99	SJD2-4360-2			OS/VS2 RELEASE 2.0 RMS 5752-SC1-CE
99	SJD2-4370-2			OS/VS2 RELEASE 2.0 EXTEND SVC ROUTER 5752-SC1-CF
99	SJD2-4380-2			OS/VS2 RELEASE 2.0 SVC 109 5752-SC1-CG
99	SJD2-4390-2			OS/VS2 RELEASE 2.0 VIRTUAL STORAGE MANAGER 5752-SC1-CH
99	SJD2-4400-2			OS/VS2 RELEASE 2.0 CONTENTS SUPERVISOR 5752-SC1-CJ
99	SJD2-4410-2			OS/VS2 RELEASE 2.0 COMMUNICATOR TASK 5752-SC1-CK
99	SJD2-4420-2			OS/VS2 RELEASE 2.0 TASK MAN 5752-SC1-CL
99	SJD2-4430-2			OS/VS2 RELEASE 2.0 RECOVERY TERMINATION 5752-SC1-CM
99	SJD2-4440-1			OS/VS2 RELEASE 2.0 EXT FLOATING POINT 5752-SC1-CP
99	SJD2-4450-2			OS/VS2 RELEASE 2.0 MF/1 5752-SC1-CQ
99	SJD2-4460-2			OS/VS2 RELEASE 2.0 REAL STORAGE MAN 5752-SC1-CB
99	SJD2-4470-2			OS/VS2 RELEASE 2.0 REGION CONTROL TASK 5752-SC1-CU
99	SJD2-4480-2			OS/VS2 RELEASE 2.0 TIMER SUPERVISION 5752-SC1-CV
99	SJD2-4490-2			OS/VS2 RELEASE 2.0 AUXILIARY STORAGE MAN 5752-SC1-CW
99	SJD2-4500-2			OS/VS2 RELEASE 2.0 SYSTEM RESOURCE MANAGEMENT 5752-SC1-CX
99	SJD2-4510-1			OS/VS2 RELEASE 2.0 RADIX PARTITION 5752-SC1-CY
99	SJD2-4520-2			OS/VS2 RELEASE 2.0 MP RECONFIGURATION 5752-SC1-CZ
99	SJD2-4540-2			OS/VS2 RELEASE 2.0 OVERLAY SUPERVISOR 5752-SC1-C2
99	SJD2-4550-2			OS/VS2 RELEASE 2.0 IOS 5752-SC1-C3
99	SJD2-4560-2			OS/VS2 RELEASE 2.0 DIDOCS 5752-SC1-C4
99	SJD2-4570-2			OS/VS2 RELEASE 2.0 SUPERVISOR CONTROL 5752-SC1-C5
99	SJD2-4580-2			OS/VS2 RELEASE 2.0 EXCP 5752-SC1-C6
99	SJD2-4590-2			OS/VS2 RELEASE 2.0 FETCH 5752-SC1-C7
99	SJD2-4600-2			OS/VS2 RELEASE 2.0 NIP 5752-SC1-C8
99	SJD2-4610-2			OS/VS2 RELEASE 2.0 IPL 5752-SC1-C9
99	SJD2-4620-2			OS/VS2 RELEASE 2.0 BLOCK PROCESSOR 5752-SC1-DA
99	SJD2-4630-2			OS/VS2 RELEASE 2.0 SAM SUBSYSTEM INTERFACE 5752-SC1-DB
99	SJD2-4640-2			OS/VS2 RELEASE 2.0 PASSWORD PROTECT 5752-SC1-DC
99	SJD2-4650-2			OS/VS2 RELEASE 2.0 3505/3525 READER 5752-SC1-DD
99	SJD2-4660-2			OS/VS2 RELEASE 2.0 VSAM 5752-SC1-DE
99	SJD2-4670-2			OS/VS2 RELEASE 2.0 3890 DOCUMENT PROCESSOR 5752-SC1-DP
99	SJD2-4680-2			OS/VS2 RELEASE 2.0 VBP (VIQ) 5752-SC1-DG
99	SJD2-4690-2			OS/VS2 RELEASE 2.0 CATALOG CONTROLLER 5752-SC1-DB
99	SJD2-4700-1			OS/VS2 RELEASE 2.0 WINDOW INTERCEPT 5752-SC1-DJ
99	SJD2-4710-2			OS/VS2 RELEASE 2.0 ACCESS METHOD SERVICES 5752-SC1-DK
99	SJD2-4720-2			OS/VS2 RELEASE 2.0 3886 OCR 5752-SC1-DL
99	SJD2-4730-2			OS/VS2 RELEASE 2.0 SAM 5752-SC1-DO

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99 SJD2-4740-2 OS/VS2 RELEASE 2.0 OPEN/CLOSE/EOW 5752-SC1-D1
99 SJD2-4750-2 OS/VS2 RELEASE 2.0 BPAM 5752-SC1-D2
99 SJD2-4770-2 OS/VS2 RELEASE 2.0 DADSM 5752-SC1-D4
99 SJD2-4780-2 OS/VS2 RELEASE 2.0 OCR 5752-SC1-D5
99 SJD2-4790-2 OS/VS2 RELEASE 2.0 MICR 5752-SC1-D6
99 SJD2-4800-2 OS/VS2 RELEASE 2.0 BDAM 5752-SC1-D7
99 SJD2-4810-2 OS/VS2 RELEASE 2.0 ISAM 5752-SC1-D8
99 SJD2-4820-2 OS/VS2 RELEASE 2.0 GAM 5752-SC1-G0
99 SJD2-4830-2 OS/VS2 RELEASE 2.0 IBCDMPRS 5752-SC1-I0
99 SJD2-4840-2 OS/VS2 RELEASE 2.0 IBCDASDI 5752-SC1-I1
99 SJD2-4850-1 OS/VS2 RELEASE 2.0 ICAPRTBL 5752-SC1-I2
99 SJD2-4860-2 OS/VS2 RELEASE 2.0 TSO EDIT 5752-SC1-T0
99 SJD2-4870-2 OS/VS2 RELEASE 2.0 TSO TEST 5752-SC1-T1
99 SJD2-4880-2 OS/VS2 RELEASE 2.0 TSO UTILITIES 5752-SC1-T2
99 SJD2-4890-2 OS/VS2 RELEASE 2.0 TSO TI0C 5752-SC1-T3
99 SJD2-4900-2 OS/VS2 RELEASE 2.0 TSO SCHEDULER 5752-SC1-T4
99 SJD2-4910-2 OS/VS2 RELEASE 2.0 TSO LINK LOADGO PROMP 5752-SC1-T5
99 SJD2-4930-1 OS/VS2 RELEASE 2.0 UTILITIES DEBTPCH 5752-SC1-UA
99 SJD2-4940-2 OS/VS2 RELEASE 2.0 UTILITIES IEHMOVE 5752-SC1-UC
99 SJD2-4950-2 OS/VS2 RELEASE 2.0 UTILITIES IEHINITT 5752-SC1-UD
99 SJD2-4960-1 OS/VS2 RELEASE 2.0 UTILITIES IEHSTATR 5752-SC1-UE
99 SJD2-4970-2 OS/VS2 RELEASE 2.0 UTILITIES IEHATLAS 5752-SC1-UF
99 SJD2-4980-1 OS/VS2 RELEASE 2.0 UTILITIES IEBTCRIN 5752-SC1-UG
99 SJD2-4990-1 OS/VS2 RELEASE 2.0 UTILITIES IEBSAM 5752-SC1-UH
99 SJD2-5000-1 OS/VS2 RELEASE 2.0 UTILITIES IEBDG 5752-SC1-UJ
99 SJD2-5010-2 OS/VS2 RELEASE 2.0 UTILITIES IEBCOMPR 5752-SC1-UK
99 SJD2-5020-1 OS/VS2 RELEASE 2.0 UTILITIES IEHUCAT 5752-SC1-UY
99 SJD2-5030-2 OS/VS2 RELEASE 2.0 UTILITIES IEHDASDR 5752-SC1-U0
99 SJD2-5040-2 OS/VS2 RELEASE 2.0 UTILITIES IEHLIST 5752-SC1-U2
99 SJD2-5050-2 OS/VS2 RELEASE 2.0 UTILITIES IEHPROGM 5752-SC1-U3
99 SJD2-5060-2 OS/VS2 RELEASE 2.0 UTILITIES IEBCOPY 5752-SC1-U6
99 SJD2-5070-1 OS/VS2 RELEASE 2.0 UTILITIES IEBGENER 5752-SC1-U7
99 SJD2-5080-2 OS/VS2 RELEASE 2.0 UTILITIES IEBUGPTE 5752-SC1-U8
99 SJD2-5090-2 OS/VS2 RELEASE 2.0 UTILITIES IEBEDIT 5752-SC1-U9
99 SJD2-5110-2 OS/VS2 RELEASE 2.0 POWER WARNING FEATURE 5752-SC1-OE
99 SJD2-5120-2 OS/VS2 RELEASE 2.0 SCHEDULER SMF 5752-SC1-00
99 SJD2-5130-2 OS/VS2 RELEASE 2.0 MAPPING MACROS 5752-SC1-01
99 SJD2-5140-2 OS/VS2 RELEASE 2.0 SMF 5752-SC1-02
99 SJD2-5150-2 OS/VS2 RELEASE 2.0 ASSEMBLER 5752-SC1-03
99 SJD2-5160-2 OS/VS2 RELEASE 2.0 LINKAGE EDITOR 5752-SC1-04
99 SJD2-5170-2 OS/VS2 RELEASE 2.0 LOADER 5752-SC1-05
99 SJD2-5180-2 OS/VS2 RELEASE 2.0 OLTEP 5752-SC1-06
99 SJD2-5190-1 OS/VS2 RELEASE 2.0 GSP 5752-SC1-07
99 SJD2-5200-2 OS/VS2 RELEASE 2.0 CHECKPOINT RESTART 5752-SC1-09
99 SJD2-5210-2 OS/VS2 RELEASE 2.0 DSS 5752-SC1-10
99 SJD2-5220-2 OS/VS2 RELEASE 2.0 GTF 5752-SC1-11
99 SJD2-5230-2 OS/VS2 RELEASE 2.0 AMASPZAP 5752-SC1-12
99 SJD2-5240-2 OS/VS2 RELEASE 2.0 AMDPRDMP 5752-SC1-13
99 SJD2-5250-2 OS/VS2 RELEASE 2.0 AMBLIST 5752-SC1-14
99 SJD2-5260-2 OS/VS2 RELEASE 2.0 AMDSADMP 5752-SC1-15
99 SJD2-5270-1 OS/VS2 RELEASE 2.0 AMPTFLE 5752-SC1-16
99 SJD2-5280-2 OS/VS2 RELEASE 2.0 AMDPRDMP EDIT 5752-SC1-18
99 SJD2-5290-2 OS/VS2 RELEASE 2.0 BTAM 5752-SC1-20
99 SJD2-5300-2 OS/VS2 RELEASE 2.0 TCAM 5752-SC1-21
99 SJD2-5320-2 OS/VS2 RELEASE 2.0 VTAM 5752-SC1-23
99 SJD2-5330-2 OS/VS2 REL 815 - SMP - 5752-SC1-30
99 SJD2-5360-1 OS/VS2 RELEASE 03.0 ERIC 2 LISTINGS - COMPONENT NO. 5752-SC1-CN
99 SJD2-5380-1 OS/VS2 RELEASE 03.0 VVIC LISTINGS COMPONENT NO. 5752-SC1-DR
99 SJD2-5400-1 OS/VS2 RELEASE 03.0 MSS TRACE REPORT LISTINGS COMPONENT NO.
5752-SC1-DT
99 SJD2-5410-1 OS/VS2 RELEASE 03.0 MSS UTILITIES LISTINGS - COMPONENT NO.
5752-SC1-DU
99 SJD2-5420-1 OS/VS2 RELEASE 03.0 TOLTEP LISTINGS - COMPONENT NO. 5752-SC1-0C
99 SJD2-5440-1 OS/VS2 RELEASE 03.0 DSMTC LISTINGS - COMPONENT NO. 5752-SC1-EQ
99 SJD2-5450-1 OS/VS2 RELEASE 03.0 HOST SUPPORT SSS LISTINGS - COMPONENT NO.
5752-SC1-SS
99 SJD2-5460-1 OS/VS2 RELEASE 03.0 DSM ERP LISTINGS - COMPONENT NO.
5752-SC1-CI
99 SJD2-5470-1 OS/VS2 RELEASE 03.7 MSS RECOVERY MGMT LISTINGS, SCP COMPONENT
5752-SC1-BZ
99 SJD2-6000-0 OS/VS2 SU01 801 LISTINGS
99 SJD2-6001-0 OS/VS2 802 SU02 LISTINGS
99 SJD2-6002-0 OS/VS2 SU4 LISTINGS, SUID 5752-804
99 SJD2-6003-0 OS/VS2 SU05 805 LISTINGS
99 SJD2-6004-0 OS/VS2 813 SU13 LISTINGS
99 SJD2-6005-0 OS/VS2 SU10 810
99 SJD2-6006-0 OS/VS2 SU07 807
99 SJD2-6007-0 OS/VS2 SU8 LISTINGS, SUID 5752-808
99 SJD2-6008-0 OS/VS2 SU17 LISTINGS, SUID 5752-817
99 SJD2-6009-0 OS/VS2 827 SU27 LISTINGS
99 SJD2-6010-0 OS/VS2 SU21 LISTINGS, SUID 5752-821
99 SJD2-6011-0 OS/VS2 848 SU48, LISTINGS
99 SJD2-6012-0 OS/VS2 SU25 LISTINGS, SUID 5752-825
99 SJD2-6013-0 OS/VS2 816 SU16, LISTINGS
99 SJD2-6014-0 OS/VS2 824 SU24, LISTINGS
99 SJD2-6015-0 OS/VS2 RELEASE 03.7E, RACF LISTINGS
99 SJD2-6016-0 OS/VS2 RELEASE 03.7E, AP-1 ALTERNATE PATH RECOVERY MICROFICHE
LISTINGS
99 SJD2-6160-1 OS/VS2 SUID 5752-830 MOHAWK LISTINGS
99 SJD2-6161-1 OS/VS2 JES3 LISTINGS, SU 18 (SU ID 5752-818)
99 SJD2-6162-1 OS/VS2 MVS DUMPING IMPROVEMENTS, SUID 5752-833, MICROFICHE DUMP
99 SJD2-6163-1 OS/VS2 158/168 ATTACHED PROCESSOR SELECTABLE UNIT LISTINGS,
SUID 5752-847
99 SJD2-6164-1 OS/VS2 SYSTEM SECURITY SUPPORT SELECTABLE UNIT LISTINGS, SUID
5752-832

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99	SJD2-6165-1			OS/V52 HARDWARE RECOVERY ENHANCEMENTS SELECTABLE UNIT LISTIN SUID 5752-855
99	SJD2-6166-1			OS/V52 VECTOR PROCESSING SUBSYSTEM (VFSS) SUID 5744-CK1
99	SJD2-6167-1			OS/V52 SMP RELEASE 3 LISTINGS - SUID 5752-863
99	SJD2-6168-0			SMP ICR FOR VS2 REL 2.0, 3.0, 3.0, 3.6 AND GENERAL INDEX
99	SJD2-6170-1			OS/V52 TCAM, SUID 5752-836, MICROFICHE LISTINGS
99	SJD2-6171-0			OS/V52 REL 858 VTAM, SUID 5752-858, LISTINGS
99	SJD2-6172-1			OS/V52 SUID 5752-829 MVS 3838 SUPPCRT MICROFICHE SOURCE LISTINGS
50	SJD2-6173-0			OS/V52 REL 840 VTAM
99	SJD2-6174-1			OS/V52 SUID 5752-837 HOST SUPPORT SSS FICHE SOURCE LISTINGS
50	SJD2-6175-0			OS/V52 REL 859 ACP/TCAM, SCP LISTINGS
99	SJD2-6176-0			OS/V52 REL 860 OPEN/DADSM/IEHLIST
99	SJD2-6177-0			VS2 SUB57 INTERACTIVE PROBLEM CONTROL SYSTEM SUID 5752-857
99	SJD2-6178-0			OS/V52 REL 826 JES 3 RELEASE 3
99	*SJD2-6180-2			OS/V52 REL 884 DEVICE SUPPORT FACILITIES MANAGEMENT SERVICES
36	LJD2-6200-1			OS/V52 NJE FOR JES2, LISTINGS - LIC PRG 5740-XR8
50	LJD2-6203-0	LNB9-0048	LNB9-0065	OS/V52 REL 834 VTAM, PROG NO. 5735-RC2, LISTINGS
		LNB9-0075	LNB9-0096	
50	LJD2-6204-0	LNB9-0033	LNB9-0060	OS/V52 REL 835 VTAM, PROG NO. 5735-RC2, LISTINGS
		LNB9-0074	LNB9-0097	
		LNC2-6653		
50	LJD2-6205-0	LNB9-0047	LNB9-0078	OS/V52 845 NOSP LISTINGS, SCP 5735-XX2
		LNB9-0100	LNB9-0127	
36	LJD2-6206-0	LNB9-0051	LNB9-0055	VS2 REL 823, JES 3 R3 NJE (SNA), LIC PROG 5740-XR8, LISTINGS
		LNB9-0063	LNB9-0070	
		LNB9-0089	LNB9-0095	
		LNB9-0123		
32	LJD2-6207-0			3800 UTILITY MICROFICHE 842
50	LJD2-6208-0	LNB9-0050	LNB9-0053	OS/V52 ACP/TCAM, MICROFICHE LISTINGS
		LNB9-0061	LNB9-0071	
		LNB9-0099	LNB9-0126	
50	LJD2-6209-0	LNB9-0049	LNB9-0054	MVS ACP/TCAM BASE, LIC PROG 5735-RC1, LISTINGS
		LNB9-0062	LNB9-0068	
		LNB9-0092	LNB9-0101	
		LNB9-0128		
30	LJD2-6210-0	LNB9-0067	LNB9-0076	OS/V52 SAM-E 809
		LNB9-0088	LNB9-0093	
		LNB9-0121		
30	LJD2-6211-0	LNB9-0052	LNB9-0086	VS2 866 HIERARCHICAL STORAGE MANAGER, LIC FROG 5740-XRB, LISTINGS
		LNB9-0131		
30	LJD2-6212-0			VS2 872 AMS CRYPTOGRAPHIC OPTION, LIC PROG 5740-AM8 LISTINGS
50	LJD2-6213-0			VS2 854 MVS/ACP/VTAM, PROG 5735-RC2 ENCRYPT/DECRYPT LISTINGS
30	LJD2-6214-0			OS/V52 REL 899 HIERARCHICAL STORAGE MANAGER, LIC PROG 5740-XRB, LISTINGS MICROFICHE LISTINGS
30	**LJD2-6215-1			MVS/INFORMATION DISTRIBUTION WORK STATION SUPPORT, LIC PROG 5740-AMA, LISTINGS
99	SJD2-6216-0			OS/V52 RELEASE 3.8 XF ASSEMBLER EAS1102, LIC PROG 5752-AS1 MICROFICHE LISTINGS
99	SJD2-6217-0			OS/V52 REL 3.8 BASE CONTROL PROGRAM EBB1102
39	LJD2-6218-0			OS/V52 REL 3.8 TSO ENHANCEMENT JBB 1112 MICROFICHE LISTING
34	LJD2-6219-0	LNC8-0009	LNC8-0014	OS/V52 REL 3.8 MVS/SE PROG PROD JBB1122 MICROFICHE LISTINGS
99	SJD2-6221-0			OS/V52 REL 3.8 (BTAM) BASIC TELECOMMUNICATION ACCESS METHOD EBT1102 MICROFICHE LISTINGS
30	LJD2-6222-0			OS/V52 RELEASE 3.8 PROGRAMMED CRYPTOGRAPHIC FACILITY HCR1102, LIC PROG 5740-XY5, MICROFICHE LISTINGS
99	SJD2-6223-0			OS/V52 REL 3.8 (DEMF) DISPLAY EXCEPTION MONITORING FACILITY EDE1102 MICROFICHE LISTINGS
99	SJD2-6224-0			OS/V52 REL 3.8 MVS DATA MANAGEMENT EDM1102 MICROFICHE LISTING
30	LJD2-6225-0			OS/V52 REL 38 MVS SAM-EXTENDED, JDM1112 FRG 5740-AM3, MICROFICHE LISTINGS
30	LJD2-6226-0			OS/V52 RELEASE 3.8 AMS CRYPTO, JDM1122, MICROFICHE LISTINGS
99	SJD2-6228-0			OS/V52 RELEASE 3.8 MVS DATA MANAGEMENT SUPPORT EDS1102 MICROFICHE LISTING
32	LJD2-6229-0			OS/V52 REL 3.8 MVS CASDR UTILITY JDS1112 MICROFICHE LISTING
99	SJD2-6232-0			OS/V52 REL 3.8 (GAM-GPS) GRAPHIC ACCESS METHOD GRAPHIC PROGRAMMING SERVICE EGA1102
99	SJD2-6233-0			OS/V52 REL 3.8 (GSP) GRAPHIC SUBROUTINE PACKAGE FOR FORTRAN 4, COBOL, AND PL/I LANG 5752-GS1 EGS1102 MICROFICHE LISTING
30	LJD2-6234-0			OS/V52 RELEASE 3.8 (HSM) MVS HIERARCHICAL STORAGE MANAGER BHM1102, LIC PROG 5740-XRB, MICROFICHE LISTINGS
99	SJD2-6235-0			OS/V52 REL 3.8 (IPCS) INTERACTIVE PROBLEM CONTROL PROGRAM EIP1102 MICROFICHE LISTING
99	SJD2-6236-1			JOB ENTRY SUBSYSTEM 2 (JES2) 3800 ENHANCEMENTS
36	LJD2-6237-1			NETWORK JOB ENTRY FACILITY FOR JES2 RELEASE 3 MODIFICATION 1 3800 ENHANCEMENTS
99	SJD2-6238-0			OS/V52 RELEASE 3.8 (JES3) VERSION 2 JOB ENTRY SUBSYSTEM 3 EJS1102 MICROFICHE LISTINGS
99	SJD2-6239-0			OS/V52 RELEASE 3.8 MF/1
99	SJD2-6240-0			OS/V52 REL 3.8 5752-MI1 (MICR/OCR) EMI1102 MICROFICHE LISTINGS
99	SJD2-6242-0			OS/V52 REL 3.8 (MSS) MASS STORAGE SYSTEM EMS1102 MICROFICHE LISTINGS
50	LJD2-6243-0			OS/V52 REL 3.8 (NOSP) NETWORK OPERATION SUPPORT PROGRAM 5735-XX2 HN01102 MICROFICHE LISTINGS
99	**SJD2-6244-21			OS/V52 REL 3.8 PLR MICROFICHE INDEX, LISTINGS
99	SJD2-6245-0			OS/V52 REL 3.8 PROGRAM MANAGEMENT EPM1102 PROG 5752-PM1 MICROFICHE LISTINGS
30	LJD2-6246-0	**LNC8-0018		OS/V52 RELEASE 3.8 (RACP) RESOURCE ACCESS CONTROL FACILITY, HRP1302, LIC PROG 5740-XX4, MICROFICHE LISTINGS
34	LJD2-6247-0	LNC8-0010	LNC8-0015	OS/V52 REL 3.8 RMF 5740-XY4 HRM2204 MICROFICHE LISTINGS
34	LJD2-6248-0	LNC8-0011	LNC8-0012	OS/V52 REL 3.8 RMF HRM2205 MICROFICHE LISTINGS
		LNC8-0016		
99	SJD2-6249-0			OS/V52 RELEASE 3.8 (SSS) SUBSYSTEM SUPPORT SERVICES ESS1102 MICROFICHE LISTINGS
99	SJD2-6250-0			OS/V52 REL 3.8 SYSTEM SUPPORT EST1102 PROG 5752-ST1 MICROFICHE

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99	SJD2-6251-0		OS/VS1 RELEASE 6.7 VERSION 2 RELEASE 3.8 (SMP) SYSTEM MODIFICATION PROGRAM ES41400 MICROFICHE LISTINGS
99	SJD2-6256-0		OS/VS2 REL 3.8 (TCAM10) TELECOMMUNICATION ACCESS METHOD ETC0108 MICROFICHE LISTINGS
99	** SJD2-6257-0		OS/VS2 REL 3.8 (TCAM11) ACF/TCAM SCP ETC1102 MICROFICHE LISTINGS
50	LJD2-6258-0		OS/VS2 REL 3.8 ACF/TCAM BASE PROGRAM 5735-RC1 JTC1112 MICROFICHE LISTINGS
50	LJD2-6259-0		OS/VS2 REL 3.8 ACF/TCAM NET FEATURE JTC1122 MICROFICHE LISTINGS
99	SJD2-6260-0		OS/VS2 RELEASE 3.8 (TIOC) TERMINAL INPUT/OUTPUT CONTROLLER ETI1106 MICROFICHE LISTINGS
39	LJD2-6261-0		OS/VS2 RELEASE 3.8 TSO SESSION MGR HTS1202 MICROFICHE LISTINGS
99	SJD2-6262-0		OS/VS2 REL 3.8 TSO/VTAM ETV0108 PROG 5752-TV1 MICROFICHE LISTINGS
99	SJD2-6263-0		OS/VS2 REL 3.8 UTILITIES EUT1102 MICROFICHE LISTINGS
32	LJD2-6264-0		OS/VS2 RELEASE 3.8 OFFLINE IBM 3800 UTILITIES JUT1112, LIC PROG 5748-UT2, MICROFICHE LISTINGS
99	SJD2-6265-0		OS/VS2 RELEASE 3.8 VPSS FOR MVS, EVP1102 MICROFICHE LISTINGS
99	SJD2-6266-0		OS/VS2 REL 3.8 VTAM 5752-VT1 EVT0108 MICROFICHE LISTINGS
99	SJD2-6267-0		OS/VS2 RELEASE 3.8 Ver 1 ACF/VTAM 5735-RC2, LISTING
50	LJD2-6268-0		OS/VS2 REL 3.8 ACF/VTAM BASE PP JVT1112 MICRO FICHE LISTINGS
50	LJD2-6269-0		OS/VS2 REL 3.8 ACF/VTAM NET FEATURE 5735-RC2 JVT1122 MICROFICHE LISTINGS
50	LJD2-6270-0		OS/VS2 RELEASE 3.8 ENCRYPT/DECRYPT FEATURE JVT1132, LIC PROG 5735-RC2, MICROFICHE LISTINGS
99	SJD2-6271-0		OS/VS2 REL 3.8 XWTR EXW1102 PROG 5752-XW1 MICROFICHE LISTINGS
99	SJD2-7200-0		SVS TCAM MCP/VS DIRECT - TCAM LEVEL 10
99	SJD2-7201-0		SVS TCAM 10 XREF, PROG PROD 5742-017 FEATURE 5074/5075
99	SJD2-7205-0		TIOC SUPPORT FOR TCAM 10
99	SJD2-7210-0	SJD2-7211	OS/VS2 554 ACF/TCAM SCP
50	LJD2-7212-0	LJD2-7213	OS/VS2 REL 555 ACF/TCAM BASE SCP 5735-RC1
		LNB9-0109	
50	LJD2-7214-0	LNB9-0083	LNB9-0082
99	**SJD2-7220-2	**SND2-7240	LNB9-0110
			OS/VS2 REL 556 ACF/TCAM NETWORKING SCP 5735-RC1
50	**LJD2-7222-2	**LND2-7239	OS/VS2 ACF/TCAM V2 R3 SYSTEM CONTROL PROGRAM SCP 5752-VS2 LISTINGS
			OS/VS2 ACF/TCAM V2 R3 BASE PROGRAM PRODUCT, LIC PROG 5735-RC3 LISTINGS
50	LJD2-7224-1	LND2-7231	OS/VS2 ACF/VTAM V2 R1 MULTISYSTEM NETWORKING FACILITY, LIC PROG 5735-RC3 LISTINGS
99	**SJD2-7226-2	**SND2-7241	OS/VS1 ACF/TCAM V2 R3 SYSTEM CONTROL PROGRAM (SCP), LIC PROG 5652-VS1, LISTINGS
50	**LJD2-7227-2	**LND2-7242	OS/VS1 ACF/TCAM V2 R3 BASE PROGRAM PRODUCT, LIC PROG 5735-RC3, LISTINGS
50	**LJD2-7228-2	**LND2-7243	OS/VS1 ACF /TCAM V2R3 MULTISYSTEM NETWORKING FACILITY FEATURE, LIC PROG 5735-RC3, LISTINGS
50	**LJD2-7236-0	**LND2-7238	OS/VS2 ACF/TCAM V2R3 MULTISYSTEM NETWORKING FACILITY FEATURE (6003) 5735-RC3 LISTINGS
99	SJD2-9005-0		SUS1, OS/VS2 MVS PROCESSOR SUPPORT LISTINGS, 5752-851
28	LJD3-3800-2		DOS/VS RPG II LIC PROG 5746-RG1, LISTINGS (CURRENT RELEASE)
24	LJD3-3922-0		DOS F/ANS COBOL COMPILER PTF 35 (UP15279) LYC7-5030-04, LYC7-5031-04 PROGRAM ID 5736-CB201/LM201
32	** LJD3-6000-1		VSE/DITTO UTILITY, LIC PROG 5746-UT3, LISTINGS (CURRENT RELEASE)
50	**LJD3-6001-1		SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM, LIC PROG 5740-XYF, LISTINGS
50	**LJD3-6002-1		SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM, LIC PROG 5746-XXT, LISTINGS
14	GL21-9071-0	GN21-0131	2501 CARD READER, MODELS A & B RPQ FEATURES
15	GL21-9225-0		7460-4 STUB CARD READER RPQ EE7595 INSTALLATION/PHYSICAL PLANNING
15	GL22-6936-2		IBM 2914 SWITCHING UNIT MODEL 1, RPQ 880882, CUSTOM FEATURE: INSTALLATION MANUAL - PHYSICAL PLANNING
14	GL22-6937-1		SYSTEM/360 AND SYSTEM/370 CUSTOM FEATURE DESCRIPTION: 2914 SWITCHING UNIT MODEL 1 - RPQ 880882
14	GL22-6979-2		IBM 2947 MODEL 4 CHECK COLLECTION CONTROLLER (RPQ 888264) FUNCTIONAL CHARACTERISTICS - REFERENCE MANUAL
15	GL22-6982-0		IBM 2947 CHECK COLLECTION CONTROLLER MCDEL 4 (RPQ 888264) INSTALLATION MANUAL PHYSICAL PLANNING
14	GL22-7015-0		IBM 7441-1/1980-9 CUSTOM TERMINAL FUNCTIONAL CHARACTERISTICS OPERATING PROCEDURES AND PHYSICAL PLANNING
14	GL22-7025-0		2914 STORAGE CONTROL INTERFACE SWITCH MODEL 2 (RPQ 8P0290) PRODUCT DESCRIPTION AND PHYSICAL PLANNING
14	GL24-3570-1		2946 TERMINAL CONTROL SUBSYSTEM COMPONENT DESCRIPTION & OPERATING GUIDE
15	GL24-3571-3		IBM 2946 TERMINAL CONTROL SUBSYSTEM INSTALLATION MANUAL PHYSICAL PLANNING
14	GL24-3618-1		2956 MODEL 8 CARD READER RPQ 810582 CUSTCM UNIT DESCRIPTION AND PHYSICAL PLANNING
14	GL24-3628-0		IBM 3203 BOOK BRAILLE PRINTING FEATURE RFQ S00293 DESCRIPTION AND OPERATOR'S GUIDE CUSTOM FEATURE
14	GL24-3629-0		IBM 3203 PROGRAMMER BRAILLE PRINTING RPQ S00305 CUSTOM FEATURE DESCRIPTION AND OPERATOR'S GUIDE
50	**LQA4-3003-0		CICS/DOS/VS LIC PROG 5746-XX3 RELEASE 1.3 (LYA4-3003-1)
50	**LQA4-3005-0		CUSTOMER INFORMATION CONTROL SYSTEM DOS/VS (CICS/DOS/VS) LIC PROG 5746-XXE LISTINGS (LYA4-3005-1)
50	LQB0-8038-0		IMS/VS MSC LISTINGS, LIC PROG 5740-XX2, RELEASE 1.1.4 (LYB0-8038-3)
99	SQD2-2002-1		OS/VS1 RELEASE 2 5741-SC1-C5 - SUPERVISOR
99	SQD2-2014-1		OS/VS1 RELEASE 2 5741-SC1-B0 - JECS
99	SQD2-2020-1		OS/VS1 RELEASE 2 5741-SC1-B6 - INITIATOR
99	SQD2-2021-1		OS/VS1 RELEASE 2 5741-SC1-B7 - TERMINATION
99	SQD2-2031-1		OS/VS1 RELEASE 2 5741-SC1-G0 - GAM
99	SQD2-2033-1		OS/VS1 RELEASE 2 5741-SC1-CE - RMS
99	SQD2-2054-1		OS/VS1 RELEASE 2 5741-SC1-09 - CBECKPOINT

99	SQD2-2060-1			OS/V51 RELEASE 2 5741-SC1-D4 - DADSM
99	SQD2-2061-1			OS/V51 RELEASE 2 5741-SC1-D6 - MICR
99	SQD2-2084-1			OS/V51 RELEASE 2 5741-SC1-0A - CRJE
99	SQD2-2085-1			OS/V51 RELEASE 2 5741-SC1-U6 - IEBCOPY
99	SQD2-2086-1			OS/V51 RELEASE 2 5741-SC1-U7 - IEBCGENER
99	SQD2-2088-1			OS/V51 RELEASE 2 5741-SC1-UA - IEBCPTCH
99	SQD2-2089-1			OS/V51 RELEASE 2 5741-SC1-UK - IEBCOMFR
99	SQD2-2091-1			OS/V51 RELEASE 2 5741-SC1-U5 - IEBCDG
99	SQD2-2092-1			OS/V51 RELEASE 2 5741-SC1-UC - IEHMOVE
99	SQD2-2097-1			OS/V51 RELEASE 2 5741-SC1-UD - IEHINITI
99	SQD2-2099-1			OS/V51 RELEASE 2 5741-SC1-D3 - CATALOG
99	SQD2-2101-1			OS/V51 RELEASE 2 5741-SC1-CC - TAPE ERF/VES
36	SQ20-0884-0	SN25-0413	SN25-0453	VM/370 DATA AREAS AND CONTROL BLOCK LOGIC REL 4 (SY20-0884-2)
	SD23-9012	SN25-0461		
		SN25-0436	SN25-0453	
	SD23-9027	SN25-0461		
		SN25-0437	SN25-0453	
		SN25-0461		
40	GQ20-1806-0	GN25-0409	GN25-0439	VM/370 OPERATOR'S GUIDE V1 R4 (GC20-1806-8)
		GN25-0459		
37	GQ20-1809-0	GN25-0417	GN25-0420	VM/370 OLTSEP AND ERROR RECORDING GUIDE V1 R4 (GC20-1809-6)
		GN25-0476		
36	GQ20-1818-0	GN25-0416		VM/370 CMS COMMAND AND MACRO REFERENCE REL 4 (GC20-1818-1)
39	GQ20-1819-0	GN25-0411		VM/370 CMS USER'S GUIDE RELEASE 4 (GC20-1819-1)
34	GQ20-1821-0	GN25-0410		VM/370: OPERATING SYSTEMS IN A VIRTUAL MACHINE (GC20-1821-2)
20	GQ20-1830-0			VM/370 SYS CONTROL (GC20-1830-1)
34	GQ26-3792-2			OS/V52 SYSTEM GENERATION REFERENCE: VS2 REL 1.6, 1.7 (GC26-3792-1)
37	GQ28-0638-1			OS/V52 SYS1 LOGREC ERROR RECORDING: REI 1.6, 1.7 (GC28-0638-1)
37	**GQ28-0673-0	** GN28-2992		OS/V5 SYSTEM MODIFICATION PROGRAM (SMF) RELEASE 3 (GC28-0673-5)
37	**GQ28-0772-0	** GN25-0338	** GN28-2986	ENVIRONMENTAL RECORDING EDITING AND PRINTING (EREP) PROGRAM REFERENCE, OS/V51 RELEASE 6, OS/V52 RELEASE 3.7, VM/370 RELEASE 6 (C28-0772-2)
		** GN28-4743		
34	**GQ28-0920-0			OS/V52 MVS RESOURCE MANAGEMENT FACILITY (RMF) RELEASE 3, LIC PROG 5740-XY4, SPECIFICATIONS (GC28-0920-4)
30	GQ30-3008-3	GN30-2591	GN30-2595	3704 & 3705 CONTROL PROGRAM GENERATION & UTILITIES GUIDE & REFERENCE MANUAL (VTAM USERS IN DOS/V5; VS1; VS2 REL 3, 3.6, 3.7) (GC30-3008-3)
50	**SQ30-3136-0			ACF/TCAM VERSION 2 RELEASE 2, LIC PROG 5735-RC3 (SC30-3136-1)
50	**SQ30-3137-0	** SN30-3177		ACF/TCAM, LIC PROG 5735-RC3, VERSION 2: DIAGNOSIS RELEASE 2 (SC30-3137)
50	**SQ33-0068-0	** SN33-6216	** SN33-6239	CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/V5) RELEASE 1.4.1 LIC PROG 5746-XX3, 5740-XX1, SYSTEM/APPLICATION DESIGN GUIDE (SC33-0068-1)
		** SN33-6259		
50	SQ33-0069-0	SN33-6217	SN33-6248	CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/V5) RELEASE 1.4.1 LIC PROG 5746-XX3, 5740-XX1, SYSTEM PROGRAMMER'S REFERENCE (SC33-0069-2)
50	SQ33-0070-0	SN33-6247	SN33-6254	CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/V5) RELEASE 1.4.1, LIC PROG 5746-XX3, DOS/V5 SYSTEM PROGRAMMER'S REFERENCE (SC33-0070-2)
50	**SQ33-0071-0			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/V5) REL 1.4 LIC PROG 5740-XX1, SYSTEM PROGRAMMER'S GUIDE (OS/V5) (SC33-0071-1)
50	SQ33-0073-0			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE CICS/V5 RELEASE 1.4.1 LIC PROG 5740-XX1, 5746-XX3 3650 GUIDE (SC33-0073-1)
50	SQ33-0074-0	SN33-6240		CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE CICS/V5 1.4.1 LIC PROG 5740-XX1, 5746-XX3 3767 AND 3770 GUIDE (SC33-0074-1)
50	SQ33-0075-0			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE CICS/V5 RELEASE 1.4.1 LIC PROG 5740-XX1, 5746-XX3, 3790 GUIDE (SC33-0075-2)
50	SQ33-0077-0	SN33-6222	SN33-6242	CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/V5) VERSION 1 RELEASE 4 APPLICATION PROGRAMMER'S REFERENCE (COMMAND LEVEL 5746-XX3, 5740-XX1) (SC33-0077-1)
50	SQ33-0079-0	SN33-6223	SN33-6243	CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE CICS/V5 RELEASE 1.4.1 LIC PROG 5740-XX1, 5746-XX3, APPLICATION PROGRAMMER'S REFERENCE MANUAL (MACRO LEVEL) (SC33-0079-1)
50	SQ33-0080-0	SN33-6224	SN33-6245	CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/V5) VERSION 1 RELEASE 4 OPERATOR GUIDE 5746-XX3, 5740-XX1 (SC33-0080-1)
		SN33-6260		
50	SQ33-0081-0	SN33-6225	SN33-6232	CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE CICS/V5 RELEASE 1.4.1 LIC PROG 5740-XX1, 5746-XX3, MESSAGES AND CODES (SC33-0081-1)
50	**GQ33-0087-0			CICS/OS/V5 RELEASE 4 VERSION 1, LIC PROG 5740-XX1, SPECIFICATION (GC33-0087-2)
50	**SQ33-0095-0			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/V5) MASTER INDEX VERSION 1 RELEASE 4 MOD 1, LIC PROG 5740-XX1, 5746-XX3 SC33-0095-1
21	GQ33-4021-2			OS/V51 & VM/370 ASSEMBLER PROGRAMMER'S GUIDE, VS2 REL 2 (GC33-4021-2)
21	GQ33-4024-0	GN33-8200	GN33-8227	GUIDE TO THE DOS/V5 ASSEMBLER RELEASE/34 (GC33-4024-2)
33	**SQ33-4045-0			DOS/V5 SORT/MERGE VERSION 2 RELEASE 2, LIC PROG 5746-SM2, INSTALLATION (SC33-4045-2)
30	GQ33-5372-0	GN24-5542	GN24-5584	DOS/V5 DATA MANAGEMENT GUIDE, RELEASE 34 (GC33-5372-3)
		GN33-9183	GN33-9186	
		GN25-0319	GN25-0323	
37	GQ33-5383-0			DOS/V5 OLTEP RELEASE/34 (GC33-5383-2)
39	**GQ33-6065-0			VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY RELEASE 2 SPECIFICATIONS LIC PROG 5746-TS1 (GC33-6065-2)
39	**GQ33-6066-0			VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (VSE/ICCF) GENERAL INFORMATION, RELEASE 2, LIC PRG 5746-TS1 (GC33-6066-1)
39	**SQ33-6067-0	** SN33-9280		VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (VSE/ICCF) INSTALLATION RELEASE 2 LIC PROG 5746-TS1 (SC33-6067-1)
39	**SQ33-6068-0	** SN33-9281		VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (VSE/ICCF),

			TERMINAL USER'S GUIDE RELEASE 2, LIC PROG 5746-TS1 (SC33-6068-1)
39	**SQ33-6069-0		VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (VSE/ICCF) MESSAGES RELEASE 2, LIC PROG 5746-TS1 (SC33-6069-1)
20	**GQ33-6077-0		DATA SECURITY UNDER THE VSE SYSTEM, RELEASE 2 (GC33-6077-1)
37	**GQ34-2021-0		DOS/VSE INTERACTIVE PROBLEM CONTROL SYSTEM (VSE/SPCS) RELEASE 2, LIC PROG 5746-SA1, SPECIFICATIONS (GC34-2021-1)
31	GQ38-1007-0	GN26-0824	OS/VSE LINKAGE EDITOR AND LOADER MESSAGES RELEASE 3.7 (VS2) RELEASE 1.6 (VS1) (GC38-2007-4)
50	**SQ40-2209-0		DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS) RELEASE 2 LIC PROG 5746-XC4 REFERENCE (SB20-2209-1)
50	**SQ40-2211-0	**SN20-4059	DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS) RELEASE 2 LIC PROG 5746-XC4 OPERATIONS GUIDE (SB20-2211-2)
50	**GQ40-9104-0		DB/DC DATA DICTIONARY RELEASE 3 LIC PROG 5746-XXC GENERAL INFORMATION (GH20-9104-3)
50	**LQ60-2456-0		DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS) RELEASE 2 LIC PROG 5746-XC4 LOGIC (LY20-2456-1)
30	SQ64-5156-0	SN24-5563 SN24-5601	SN24-5573 OS/VS1 I/O SUPERVISOR RELEASE 06.1 LOGIC (SY24-5156-5)
36	SQ66-3820-1		OS/VS CHECKPOINT RESTART LOGIC: VS2 REL 1.6, 1.7 (SY26-3820-1)
30	SQ66-3823-1		OS/VS2 I/O SUPERVISOR LOGIC: REL 1.6, 1.7 (SY26-3823-2)
36	**SQ68-0713-0		OS/VS2 SYSTEM LOGIC LIBRARY RELEASE 1 VOLUME 1 OF 7 (SY28-0713-5)
32	SQ73-8558-0	SN33-9215	DOS/VS SYSTEM UTILITIES RELEASE/34 (SY33-8558-1)
	SY33-9069		
37	SQ73-8568-0	SN25-0320	DOS/VS OLTEP LOGIC (SY33-8568-2)
28	LQ73-9062-0	LN33-9259	DOS/VS RPG II LOGIC REL 2, PROG PROD 5746-RG1 (LY33-9062-1)
34	SQ83-9001-0	SN25-0757	SUPPLEMENT FOR VM/370 SEPP TO PLANNING & SYSTEM GENERATION GUIDE RELEASE 2, 5748-XE1 (SD23-9001-1)
36	**SQ83-9008-0		SUPPLEMENT FOR VM/370 SYSTEM EXTENSIONS RELEASE 6 TO CMS COMMANDS AND MACRO REFERENCE, 5748-XE1 (SD23-9008-1)
36	**SQ83-9010-0	SN25-0761	SN25-0788 SUPPLEMENT FOR VM/370 SYSTEM EXTENSIONS RELEASE 6 TO OPERATING SYSTEMS IN A VIRTUAL MACHINE, 5748-XE1 (SD23-9010-1)
36	**SQ83-9023-0		SUPPLEMENT FOR VIRTUAL MACHINE FACILITY/370 (VM/370) BASIC SYSTEM EXTENSIONS (BSEFF) RELEASE 2.0 TO CMS COMMANDS & MACRO REFERENCE, 5748-XX8 (SD23-9023-1)
36	**SQ83-9025-0	SN25-0752	SN25-0787 SUPPLEMENT FOR VIRTUAL MACHINE FACILITY/370 (VM/370) BASIC SYSTEM EXTENSIONS (BSEFF) RELEASE 2.0 TO CP COMMAND REFERENCE FOR GENERAL USERS, 5748-XX8 (SD23-9025-1)
85	GR20-4260-1		INTRODUCTION TO VIRTUAL STORAGE IN SYSTEM/370 STUDENT TEXT
85	SR20-4438-1		CMS FOR PROGRAMMERS -- A PRIMER: (VM/370) TERMINAL-ORIENTED SELF-STUDY TEXT
85	SR20-4482-0		INTRODUCTION TO DATA COMMUNICATIONS NETWORK DESIGN, STUDENT TEXT
85	SR20-4510-4		ADVANCED FUNCTION NCP AND RELATED HOST FUNCTIONS STUDENT TEXT - COURSE CODE S3851
85	SR20-4512-2		3704/3705 NCP INSTRUCTIONS AND SUPERVISOR MACROS STUDENT TEXT - COURSE CODE S3851
85	SR20-4513-4		ADVANCED FUNCTION NCP DATA FLOW - COURSE CODE S3851
85	SR20-4544-2		IBM 3704 AND 3705 COMMUNICATIONS CONTROLLERS HARDWARE STUDENT TEXT
85	SR20-4546-2		3704, 3705 COMMUNICATIONS CONTROLLERS EMULATION PROGRAMMING COURSE CODE G3689, STUDENT TEXT
85	SR20-4547-2		3704 AND 3705 COMMUNICATIONS CONTROLLERS EMULATION DATA FLOW STUDENT TEXT - COURSE CODE G3630
85	SR20-4568-2		IBM 3704 AND 3705 COMMUNICATIONS CONTROLLERS NCP PROGRAMMING STUDENT TEXT COURSE CODE S3850
85	SR20-4569-2		CONCEPTS OF IBM 3704 COMMUNICATIONS CONTROLLERS STUDENT TEXT, COURSE CODE T1004
85	SR20-4620-2		ADVANCED COMMUNICATIONS FUNCTION NCP PROGRAMMING
85	GR20-4640-1		INTRODUCTION TO CRYPTOGRAPHY STUDENT TEXT
85	SR20-4665-0	**SN23-1135	STANDARDS MANUAL FOR DOS/VSE STUDENT TEXT
85	GR20-4666-1		INTRODUCTION TO IBM 4300 AND DOS/VSE FACILITIES STUDENT TEXT
85	**GR20-4669-1		AN INTRODUCTION TO THE IBM SUPPORT CENTER STUDENT TEXT
85	GR20-4670-0		AN INTRODUCTION TO IBM SUPPORT CENTER TEXT AND CASSETTE
85	SR20-4672-0		SYSTEM/360-370 ASSEMBLER LANGUAGE (DOS)
85	**SR20-4680-0		DL/I FUNCTIONS FOR APPLICATION DESIGN STUDENT TEXT
85	**SR20-4686-0		TCAM BSC/SS NETWORK DEFINITION STUDENT TEXT
85	GR29-0280-0		COMPUTING SYSTEMS FUNDAMENTALS OVERVIEW
85	GR29-0281-0		COMPUTING SYSTEMS FUNDAMENTALS TECHNIQUES
09	GR29-0296-5		3705 EMULATION REFERENCE CARD
37	**LTA0-0305-0		VM/INTERACTIVE PROGRAM CONTROL SYSTEM EXTENSION (VM/SPCS) RELEASE 1, LIC PROG 5748-SA1, LISTINGS (LJA0-0305-0)
50	**LTA4-3004-0		CICS/OS/VS LIC PROG 5740-XX1 RELEASE 1.3 (LYA4-3004-0)
99	STB0-0900-0	SNB5-0344 SNB5-0360 SNB5-0377 SNB5-0405 SNB5-0419 SNB5-0432 SNB5-0467	SNB5-0353 SNB5-0367 SNB5-0387 SNB5-0414 SNB5-0425 SNB5-0439
99	STB0-0901-0	SNB5-0345 SNB5-0361 SNB5-0380 SNB5-0407 SNB5-0421 SNB5-0434 SNB5-0469	SNB5-0354 SNB5-0370 SNB5-0389 SNB5-0416 SNB5-0428 SNB5-0441
39	LTB0-2477-0		VM/370 CMS PROG 5749-010 MICROFICHE LISTINGS R5
39	LTB0-2478-0		INTERACTIVE PRODUCTIVITY FACILITY SOURCE LOGIC LISTINGS, RELEASE 1, (LYB0-2477-00)
			INTERACTIVE PRODUCTIVITY FACILITY SOURCE LOGIC LISTINGS, RELEASE 1 (LYB0-2478-00)

30	LTB4-6102-0			VSE/VSAM RELEASE 1.0 5746-AM2 LISTINGS (LYE4-6102)
50	LTB4-6103-0			DL/1 DOS/V5 VERSION 1.5 IMF ICR LIC PRG 5746-XX1, INTERACTIVE
32	LTB6-0002-0	LNB6-9907	LNC7-2717	MACRO FACILITY, LISTINGS (LYB4-6103-1)
		LNC7-2720	LNC7-2721	DASD LISTINGS, LIC PROG 5740-UT1, MICRCFICHE (LJB6-0002-1)
		LNC7-2725	LNC7-2731	
		LNC7-2736		
50	LTB6-0014-0	LNB6-9909		IMS/V5 V1, LIC PROG 5740-XX2, DATA BASE SURVEYOR UTILITY
50	**LTB6-0037-0			FEATURE LISTINGS
				DB/DC DATA DICTIONARY DATA AREAS AND CROSS REFERENCE
				INFORMATION, LIC PROG 5740-XXF RELEASE 3 LISTINGS
50	**LTB6-0038-0	** LNB6-9918		(LJB6-0037-0)
				DB/DC DATA DICTIONARY LIC PROG 5740-XXF RELEASE 3 LISTINGS
36	** LTB8-0838-0	** LNB9-0006	** LNB9-0008	(LJB6-0038-0)
		** LNB9-0014		SUPPLEMENT FOR NETWORK JOB FACILITY FOR JES2 LIC PROG 5740-XR8
		** LNB8-2869		TO MVS DATA AREAS RELEASE 2 (LYB8-0838-0)
34	** LTB8-0907-0	** LNB8-2978		OS/V52 MVS RESOURCE MEASUREMENT FACILITY (RMF), LIC PROG
	** LDB3-0073	** LNB8-2870		5740-XY4 DIRECTORY V2 R2 (LYB8-0907-0)
34	** LTB8-0908-0	** LNB8-2979		OS/V52 MVS RESOURCE MEASUREMENT FACILITY (RMF) LIC PROG
	** LDB3-0072	** LNB8-2871		5740-XY4 DATA AREAS V2 R2 (LYB8-0908-0)
34	** LTB8-0909-0	** LNB8-2980		OS/V52 MVS RMF DATA USAGE RELEASE 2 VERSION 2, LISTINGS
	** LDB3-0074	** LNB8-2872		(LYB8-0909-0)
34	** LTB8-0910-0	** LNB8-2981		OS/V52 MVS RMF SYMBOL RELEASE 2 VERSION 2 LISTINGS
	** LDB3-0075	** LNB8-2981		(LYB8-0910-0)
99	STC0-9000-0	SNB5-0347	SNB5-0390	VM/370 RSCS PROG 5749-010 MICROFICHE LISTINGS R5
		SNB5-0427	SNB5-0443	
99	STC0-9001-0	SNB5-0369	SNB5-0379	VM/370 IPCS MICROFICHE LISTINGS R5
		SNB5-0408	SNB5-0422	
		SNB5-0429	SNB5-0435	
		SNB5-0442		
99	STC0-9002-0	SNB5-0346	SNB5-0355	VM/370 AP LIST R5 MICROFICHE LISTINGS
		SNB5-0359	SNB5-0368	
		SNB5-0378	SNB5-0388	
		SNB5-0406	SNB5-0415	
		SNB5-0420	SNB5-0426	
		SNB5-0433	SNB5-0440	
		SNB5-0468		
99	**LTC0-9006-0			VIRTUAL MACHINE FACILITY/370 (VM/370) REMCTE SPOOLING
				COMMUNICATIONS SUBSYSTEM (RSCF) NETWORKING RELEASE 1.0, LIC
39	**LTC7-0468-0			PROG 5748-XP1, LISTINGS (LYC0-9006-0)
36	**LTC7-2010-0			VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (VSE/ICCF)
				RELEASE 2 LIC PROG 5746-TS1 LISTINGS (LYC7-0468-0)
21	**LTC7-2011-0			VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 ATTENTION
				ROUTINES, LISTINGS (LYC7-2010-0)
36	**LTC7-2012-0			VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 ASSEMBLER
				LISTINGS (LYC7-2011-0)
30	**LTC7-2013-0			VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8
				CHECKPOINT/RESTART LISTINGS (LYC7-2012-0)
32	**LTC7-2014-0			VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 DIRECT
				ACCESS METHOD LISTINGS (LYC7-2013-0)
30	**LTC7-2015-0			VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 DYNAMIC DUMP
				UTILITY LISTINGS (LYC7-2014-0)
36	**LTC7-2016-0			VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 DISKETTE
				IOCS LISTINGS (LYC7-2015-0)
37	**LTC7-2017-0			VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 DISTRIBUTION
				PROGRAM LISTINGS (LYC7-2016-0)
40	**LTC7-2018-0			VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 DISK ERROR
				RECOVERY PROCEDURES LISTINGS (LYC7-2017-0)
30	**LTC7-2019-0			VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 DISPLAY
				OPERATOR CONSOLE LISTINGS (LYC7-2018-0)
30	**LTC7-2020-0			VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 DEVICE
				SUPPORT FACILITIES LISTINGS (LYC7-2019-0)
37	**LTC7-2021-0			VSE/AF RELEASE 2.0 SEQUENTIAL DISK IOCS 5746-XE9 LISTINGS
				(LYC7-2020-0)
30	**LTC7-2022-0			VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 EREF1
				LISTINGS (LYC7-2021-0)
30	**LTC7-2023-0			VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 COMPILE I/O
				MODULES LISTINGS (LYC7-2022-0)
36	**LTC7-2024-0			VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 IOCS AND
				DEVICE INDEPENDENT I/O LISTINGS (LYC7-2023-0)
30	**LTC7-2025-0			VSE/AF IPL & BUFFER LOAD RELEASE 2 LISTINGS (LYC7-2034-0)
				VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 ISAM
36	**LTC7-2026-0			LISTINGS (LYC7-2025-0)
				VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 JOB CONTROL
31	**LTC7-2027-0			LISTINGS (LYC7-2026-0)
				VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PRG 5746-XE8 LIBRARIAN
31	**LTC7-2028-0			LISTINGS (LYC7-2027-0)
				VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 LINKAGE
30	**LTC7-2029-0			EDITOR LISTINGS (LYC7-2028-0)
				VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 MAGNETIC
30	**LTC7-2030-0			CHARACTER RECOGNITION IOCS LISTINGS (LYC7-2029-0)
				VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 OPTICAL
37	**LTC7-2031-0			CHARACTER RECOGNITION IOCS LISTINGS (LYC7-2030-0)
				VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 ONLINE TEST
37	**LTC7-2032-0			EXECUTIVE LISTINGS (LYC7-2035-0)
				VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 PROBLEM
30	**LTC7-2033-0			DETERMINATION AIDS LISTINGS (LYC7-2032-0)
				VSE/ADVANCED FUNCTIONS PAPER TAPE IOCS RELEASE 2 LIC PROG
34	**LTC7-2034-0			5746-XE8 PAPER TAPE IOCS LISTINGS (LYC7-2033-0)
				VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 RECOVERY
30	**LTC7-2035-0			MANAGEMENT SUPPORT LISTINGS (LYC7-2034-0)
				VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 SPECIFIC
36	**LTC7-2036-0			DEVICE SUPPORT LISTINGS (LYC7-2035-0)
				VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 SUPERVISOR
				LISTINGS (LYC7-2036-0)

30	**LTC7-2037-0			VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 MAGNETIC TAPE IOCS LISTINGS (LYC7-2037-0)
37	**LTC7-2038-0			VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 TAPE ERROR RECOVERY PROCEDURES LISTINGS (LYC7-2038-0)
32	**LTC7-2039-0			VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 SYSTEM UTILITY LISTINGS (LYC7-2039-0)
34	**LTC7-2040-0			VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 MAINTAIN SYSTEM HISTORY LISTINGS (LYC7-2040-0)
24	**LTC7-5050-0	**LJD3-3917 **LJD3-3919 **LJD3-3921 **LJD3-3924	**LJD3-3918 **LJD3-3920 **LJD3-3923 **LNC7-0467	DOS/VS COBOL COMPILER AND LIBRARY RELEASE 2.5 LIC PROG 5746-CB1 LISTINGS (LYC7-5050-6)
99	STD2-2038-0			OS/VS1 RELEASE 5741-SC1-CD - OBR/EREP/RDE
99	STD2-2051-0			OS/VS1 RELEASE 1 5741-SC1-D5 - OCR
99	STD2-2100-0			OS/VS1 RELEASE 1 5741-SC1-DC - PASSWORD PROTECT
99	STD2-2105-0			OS/VS1 RELEASE 1 5741-SC1-BB - RES
99	STD2-2108-0			OS/VS1 RELEASE 5741-SC1-DD - 3505/3525 RDR
99	STD2-4138-0			ACP/NCP/VS R2.0 NCP/SSP MODULES 5747-CB1, IISTINGS (SJD2-4138-1)
99	STD2-4139-0			ACP/NCP/VS R2.0 NCP/SSP MODULES 5747-CB1 DOS, LISTINGS (SJD2-4139-1)
50	LTD2-4141-0			ACP/NCP/VS R2.0 NCP/SSP MODULES 5735-XX1 DOS, LISTINGS LISTINGS (LJD2-4141-2)
50	LTD2-4142-0			ACP/NCP/VS R2.0 NCP/SSP MODULES 5735-XX3, LISTINGS (LJD2-4142-1)
50	LTD2-4143-0			ACP/NCP/VS R2.0 NCP/SSP MODULES 5735-XX3, LISTINGS (LJD2-4143-2)
32	GT00-0130-2			OS/VS UTILITIES MESSAGES: VS 2 REL 1.6, 1.7 (GC38-1005-2)
30	GT00-0132-2			OS/VS DATA MANAGEMENT MACRO INSTRUCTIONS: VS2 REL 1.6, 1.7 (GC26-3793-2)
37	GT00-0135-0			OS/VS SERVICE AIDS REFERENCE SUMMARY VS2 REL 1.6, 1.7 (GX28-0634-1)
39	GT00-0136-0			OS/VS2 COMMAND LANGUAGE REFERENCE SUMMARY VS2 REL 1.6, 1.7 (GX28-0647-0)
30	ST00-0138-2			OS/VS OPEN/CLOSE/BOV LOGIC: VS2 REL 1.6, 1.7 (SY26-3785-2)
36	GT00-0140-0			OS/VS JCL SYNTAX REFERENCE SUMMARY: VS2 REL 1.6, 1.7 (GX28-0619-1)
36	GT00-0141-0			OS/VS JCL SERVICES: VS2 REL 1.6, 1.7 (GC28-0617-2)
20	GT00-0474-0			INTRODUCTION TO DOS/VS RELEASE 34 (GC33-5370-5)
36	GT00-0477-0	GN25-0473		VIRTUAL MACHINE FACILITY/370: CP COMMAND REFERENCE FOR GENERAL USERS (GC20-1820-2)
34	GT00-0478-0	GN25-0438	GN25-0470	VIRTUAL MACHINE FACILITY/370 PLANNING AND SYSTEM GENERATION GUIDE (GC20-1801-8)
40	GT00-0479-0	GN25-0414	GN25-0419	VIRTUAL MACHINE FACILITY/370 TERMINAL USER'S GUIDE (GC20-1810-7)
	GD23-9006			
	GD23-9021			
36	ST00-0480-0	SN33-9236		DOS/VS LOGICAL TRANSIENTS, DUMP LOGIC RELEASE/34 (SY33-8553-3)
	SY33-9064			
31	ST00-0481-0	SN33-8785	SN33-9218	DOS/VS LINKAGE EDITOR LOGIC RELEASE/34 (SY33-8556-2)
	SY33-9067			
37	ST00-0482-0	SN33-9238		DOS/VS SYSTEM SERVICEABILITY AIDS LOGIC RELEASE/34 (SY33-8554-3)
	SY33-9065			
36	ST00-0483-0	SN33-9234	SN33-9263	DOS/VS SUPERVISOR LOGIC RELEASE/34 (SY33-8551-3)
	SY33-9063			
31	ST00-0484-0	SN33-9214	SN33-9265	DOS/VS LIBRARIAN LOGIC RELEASE/34 (SY33-8557-3)
	SY33-9068			
32	GT00-0485-0	GN33-9211	GN33-9245	DOS/VS SYSTEM UTILITIES RELEASE/34 (GC33-5381-2)
40	GT00-0486-0	GN33-9229	GN33-9247	OPERATOR'S LIBRARY DOS/VS OPERATING PROCEDURES RELEASE/34 (GC33-5378-4)
	GC33-6044			
37	ST00-0487-0	SN33-9235	SN33-9264	DOS/VS ERROR RECOVERY AND RECORDING TRANSIENTS LOGIC RELEASE/34 (SY33-8552-2)
40	GT00-0489-0	GN33-9231	GN33-9255	DOS/VS MESSAGES RELEASE/34 (GC33-5379-5)
	GN33-9260			
	GC33-6045			
36	GT00-0490-0	GN33-9228		DOS/VS SYSTEM CONTROL STATEMENT RELEASE/34 (GC33-5376-5)
	GC33-6043			
34	GT00-0491-0	GN33-9227		DOS/VS SYSTEM MANAGEMENT GUIDE RELEASE/34 (GC33-5371-6)
	GC33-6042			
37	GT00-0492-0	GN33-9232	GN33-9254	DOS/VS SERVICEABILITY AIDS AND DEBUGGING PROCEDURES RELEASE/34 (GC33-5380-3)
	GC33-6046			
34	GT00-0493-0	GN33-9226	GN33-9230	DOS/VS SYSTEM GENERATION RELEASE/34 (GC33-5377-6)
36	ST00-0494-0	SN33-9237		DOS/VS IPL AND JOB CONTROL LOGIC RELEASE/34 (SY33-8555-3)
	SY33-9066			
36	GT00-0497-0	GN25-0412	GN25-0445	VM/370: SYSTEM PROGRAMMER'S GUIDE (GC20-1807-6)
	GN25-0480			
30	GT00-0498-0			DOS/VS DASD REL 34 (GC33-5375-2)
30	ST00-0499-0	SN24-5586		DOS/VS LIOCS REL 34 GENERAL INFORMATION AND IMPERATIVE MACROS LOGIC (SY33-8559-3)
30	ST00-0500-0	SN24-5587		DOS/VS LIOCS VOLUME 2 SAM LOGIC RELEASE/34 (SY23-8560-3)
30	ST00-0501-0	SN24-5548	SN33-8789	DOS/VS LIOCS VOLUME 3 DAM AND ISAM LOGIC RELEASE/34 (SY33-8561-1)
	SN33-8814			
40	GT00-0509-0			VM/370: SYSTEM MESSAGES (GC20-1808-9)
	GD23-9019			
20	ST00-0510-0			DOS/VS HANDBOOK RELEASE 34 (SY33-8571-6)
	SY33-9070			
34	GT00-0512-0	GN24-5554	GN24-5561	OS/VS1 PLANNING AND USE GUIDE REL 6 (GC24-5090)
	GN24-5597			
40	GT00-0516-0			OS/VS MESSAGE LIB: VS2 SYSTEM CODES (GC38-1008-4)
	GD23-0111			
36	ST00-0518-0			OP LIBRARY: NJE FACIL (SX23-0004-0) R3
40	GT00-0519-0			OP LIB: OS/VS2 MVS (GX23-0005-0) R3
40	**GT00-0529-0			OS/VS1 RELEASE 7 BASE ROUTING AND DESCRIPTOR CODES (GC38-1101-4)
30	GT00-0571-0			3800 PRINTING SUBSYSTEM PROGRAMMER'S GUIDE RELEASE 3.7

			(GC26-3846-2)
40	GT00-0573-0		OS/V5 MESSAGE LIBRARY: VS1 (GC38-1003-09)
40	GT00-0574-0		OS/V5 MSG LIB: VS1 (GC38-1101-3) R7
37	GT00-0575-0	GN24-5522 GN24-5638	GN24-5603 OS/V51 DEBUG GUIDE (GC24-5093-4)
	GC24-5152		
36	GT00-0576-0	GN24-5525 GN24-5642	GN24-5598 OS/V51 PROG. REF DIGEST (GC24-5091-5)
	GC24-5128		
	GC24-5148		
37	GT00-0577-0		OS/V52 MVS SYSTEM PROGRAMMING LIBRARY: JES 3 DEBUGGING REL 3 (GC28-0703-2)
34	GT00-0578-0	GN25-0490	VM/370 PLANNER & SYSTEM GENERATION GUIDE RELEASE 6 (GC20-1801-9)
36	GT00-0579-0	GN25-0168	OS/V52 JES3 R2 (GC28-0608-5)
40	GT00-0583-0		VM/370 TERMINAL USER'S GUIDE R6 PLC1 (GC20-1810-8)
50	GT00-0585-0		CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/V5) REL 1.4.1 APPLICATION PROGRAMMER'S REFERENCE SUMMARY (COMMAND LEVEL) 5746-XX3, 5740-XX1 (GX33-6012-2)
50	ST00-0587-0		CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/V5) VERSION 1 RELEASE 4, REFERENCE SUMMARY: MASTER TERMINAL OPERATOR (5746-XX3, 5740-XX1) (SX33-6011-2)
50	ST00-0590-0		CICS/V5 PERFORMANCE ANALYZER 11 FDP 5798-CFF VERSION 1.3 DESCRIPTION/OPERATIONS (SB21-1697-2)
50	GT00-0591-0		CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE CICS/V5 RELEASE 1.4.1 LIC PROG 5740-XX1, 5746-XX3, GENERAL INFORMATION (GC33-0066-4)
50	ST00-0594-0	SN20-9283	INFORMATION MANAGEMENT SYSTEM/VIRTUAL STORAGE (IMS/V5) RELEASE 1.1.5, LIC PROG 5740-XX2, SYSTEM PROGRAMMING REFERENCE (SH20-9027-7)
50	ST00-0595-0	SN20-9302	INFORMATION MANAGEMENT SYSTEM/VIRTUAL STORAGE (IMS/V5) RELEASE 1.1.5, LIC PROG 5740-XX2, OPERATOR'S REFERENCE (SH20-9028-6)
50	ST00-0596-0	SN20-9284	SN20-9300 INFORMATION MANAGEMENT SYSTEM/VIRTUAL STORAGE (IMS/V5) RELEASE 1.1.5, LIC PROG 5740-XX2, UTILITIES REFERENCE (SH20-9029-6)
50	ST00-0597-0		INFORMATION MANAGEMENT SYSTEM/VIRTUAL STORAGE (IMS/V5) RELEASE 1.1.5, LIC PROG 5740-XX2, MESSAGES AND CODES (SH20-9030-8)
50	ST00-0598-0		INFORMATION MANAGEMENT SYSTEM/VIRTUAL STORAGE (IMS/V5) RELEASE 1.1.5, LIC PROG 5740-XX2, MESSAGE FORMAT SERVICE USER'S GUIDE (SH20-9053-4)
50	ST00-0599-0		INFORMATION MANAGEMENT SYSTEM/VIRTUAL STORAGE (IMS/V5) RELEASE 1.1.5, LIC PROG 5740-XX2, ADVANCED FUNCTION FOR COMMUNICATIONS (SH20-9054-3)
50	ST00-0600-0	SN20-9291	INFORMATION MANAGEMENT SYSTEM/VIRTUAL STORAGE (IMS/V5) RELEASE 1.1.5, LIC PROG 5740-XX2, INSTALLATION GUIDE (SH20-9081-4)
50	ST00-0601-0		CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE CICS/V5 RELEASE 1.4.1 LIC PROG 5740-XX1, 5746-XX3 DEBUGGING REFERENCE SUMMARY (SX33-6010-2)
22	ST00-0602-0		VS APL REFERENCE SUMMARY, RELEASE 3, LIC PROG 5748-AF1, (SX26-3712-2)
39	GT00-0603-0		SYSTEM IPO/E AND INTERACTIVE PRODUCTIVITY FACILITY REFERENCE SUMMARY CARD, RELEASE 1 (GX20-2343-0)
09	**GT00-0624-0	**GN27-3252	**GN27-3277 INTRODUCTION TO THE 3704 AND 3705 COMMUNICATIONS CONTROLLERS (GA27-3051-4)
20	ST00-0630-0		DOS/VSE HANDBOOK, SCP 5745-020 (SY33-8571-7)
	SD12-5009		
30	**ST00-0631-0		VIRTUAL MACHINE FACILITY/370 (VM/370) REMOTE SPOOLING COMMUNICATIONS SUBSYSTEM NETWORKING RELEASE 1, LIC PROG 5748-XP1, REFERENCE SUMMARY (SX24-5119-0)
50	ST00-0632-0	SN20-9282	IMS/V5 VERSION 1 LIC PROG 5740-XX2 APPLICATION PROGRAMMING REFERENCE (SH20-9026-6)
50	ST00-0633-0	SN20-9281	IMS/V5 RELEASE 1.6, LIC PROG 5740-XX2, SYSTEM/APPLICATION DESIGN GUIDE (SH20-9025-6)
39	**GT00-0647-0		VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (VSE/ICCF) REFERENCE SUMMARY RELEASE 2 LIC PROG 5746-TS1 (SC33-9006-1)
50	**ST00-0655-0		ADVANCED COMMUNICATION FUNCTION FOR VTAM, IIC PROG 5735-RC2, 5746-RC3 RELEASE 3 REFERENCE SUMMARY (SX27-0008-0)
50	**GT00-0662-0		IMS/V5 GENERAL INFORMATION MANUAL, LIC PROG 5740-XX2, RELEASE 1.6 (GH20-1260-9)
50	**GT00-0668-0		ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), LIC PROG 5746-RC3, 5735-RC2, GENERAL INFORMATION: INTRODUCTION (GC27-0462-2) RELEASE 2.3
50	**GT00-0669-0		ADVANCED COMMUNICATION FUNCTION FOR VTAME ENTRY (ACF/VTAME), LIC PROG 5746-RC7, RELEASE 2 GENERAL INFORMATION: INTRODUCTION (GC27-0438-1)
36	**GT00-0678-0		VIRTUAL MACHINE FACILITY/370 RELEASE 6 CMS COMMAND AND MACRO REFERENCE (GC20-1818-2)
50	**ST00-0682-0	**SN20-4058	GENERAL PURPOSE SIMULATION SYSTEM/360 OS AND DOS VERSION 2 INTRODUCTORY USERS MANUAL, LIC PROG 5734-XS1 AND 5736-XS1 RELEASE 2 (SH20-2209-2)
50	LT00-5490-0		IMS/V5 VI DATA COMMUNICATION FEATURE LISTINGS LIC PROG 5740-XX2, RELEASE 1.1.4 (LYB0-8017-7)
50	LT00-5491-0		IMS/V5 V1 SYSTEM LISTINGS, LIC PROG 5740-XX2, RELEASE 1.1.4 (LYB0-8016)
50	LT00-5495-0	LNB6-9912	IMS/V5 V1 FAST PATH FEATURE LISTINGS 5740-XX2
50	LT00-5497-0	LNB6-9910	IMS/V5 V1 DATA COMMUNICATION FEATURE LISTINGS, LIC PROG 5740-XX2
50	**LT00-5501-0		IMS/V5 V1 RELEASE 1.1.5, LIC PROG 5740-XX2 SYSTEM LISTINGS (LYB0-8016-9)
50	LT00-5502-0		IMS/V5 V1 DATA COMMUNICATION FEATURE, IIC PROG 5740-XX2 LISTINGS (LYB0-8017-9)
50	LT00-5503-0		IMS/V5 V1, LIC PROG 5740-XX2, MSC LISTINGS (LYB0-8038-5)
50	LT00-5504-0		IMS/V5 V1 FAST PATH FEATURE, IIC PROG 5740-XX2 LISTINGS (LJB6-0003-3)
50	LT00-5505-0		IMS/V5 V1 DATA BASE SURVEYOR UTILITY FEATURE, LIC PROG 5740-XX2, LISTINGS (LJB6-0014-1)

50	LT00-5506-0	LN6-9913		IMS/V5 V1 IMS PSEUDO MODULE, LIC PROG 5740-XX2 LISTINGS (LJB6-0004-2)
36	ST20-0886-0	SN25-0446	SN25-0467	VM/370 SYSTEM LOGIC AND PROB DETERMINATION GUIDE VCL R5 V1 (SY20-0886)
	SD23-9014	SN25-0447	SN25-0467	
	SD23-9029	SN25-0448	SN25-0467	
40	**GT20-1808-0	GN25-0485	GN25-0794	VIRTUAL MACHINE FACILITY/370 (VM/370) RELEASE 6.0, SCP 5749-010, SYSTEM MESSAGES (GC20-1808-10)
34	GT20-1827-0			VM/370 SEPP, LIC PROG 5748-XE1, GIM (GC20-1827-3)
34	GT20-1832-0			VM/370 SEPP, LIC PROG 5748-XE1, SPECIFICATIONS (GC20-1832-3)
34	**GT20-1873-0			VSE SYSTEM IPO/EXTENDED, VM SYSTEM IPO/EXTENDED, VM/VSE SYSTEM IPO/EXTENDED RELEASE 1 GENERAL INFORMATION MANUAL (GC20-1873-1)
34	**GT20-1875-0	GN20-3995		VSE SYSTEM IPO/EXTENDED PLANNING GUIDE (GC20-1875-0)
28	**ST20-2047-0			HOT REMOTE NODE ENTRY SYSTEM, IUP 5796-FJY RELEASE 1 (SH20-2047-0)
38	**GT21-9862-0	GN20-3846		HOT REMOTE NODE ENTRY SYSTEM, IUP 5796-FJY, GENERAL INFORMATION, RELEASE 1 (GB21-9862-0)
36	GT24-5091-0			OS/V5 PROGRAMMER'S REFERENCE DIGEST: VS2 REL 1.6, 1.7 (GC24-5091-2)
30	ST24-5144-0			USING VSE/VSAM COMMANDS AND MACROS RELEASE 1, LIC PROG 5746-AM2, (SC24-5144-0)
30	ST24-5145-0			VSE/VSAM PROGRAMMER'S REFERENCE REL. 1, LIC PROG 5746-AM2, (SC24-5145-0)
30	ST24-5146-0			VSE/VSAM MESSAGES AND CODES REL 1, LIC PROG 5746-AM2, (SC24-5146-0)
36	**GT24-5218-0			OS/V51 BASIC PROGRAMMING EXTENSIONS, RELEASE 2 LIC PROG 5662-257, (GC24-5218-0)
30	GT26-3783-3			OS/V5 DATA MANAGEMENT SERVICES GUIDE: VS2 REL 1.6, 1.7 (GC26-3783-2)
36	GT26-3784-2			OS/V5 CHECKPOINT RESTART: VS2 REL 1.6, 1.7 (GC26-3784-2)
34	GT26-3790-0			OS/V5 SYSTEM GENERATION INTRODUCTION: VS2 REL 1.6, 1.7 (GC26-3790-1)
30	GT26-3795-1			OS/V5 TAPE LABELS: VS2 REL 1.6, 1.7 (GC26-3795-1)
31	GT26-3813-1			OS/V5 LINKAGE EDITOR AND LOADER: VS2 REL 1.6, 1.7 (GC26-3813-1)
30	GT26-3818-0			OS/V5 VSAM PROGRAMMER'S GUIDE: VS2 REL 1.6, 1.7 (GC26-3818-0)
30	GT26-3819-0			OS/V5 VSAM OPTIONS FOR ADVANCED APPLICATIONS: VS2 REL 1.6, 1.7 (GC26-3819-0)
30	GT26-3864-0			OS/V52 MVS CVOL PROCESSOR RELEASE 3.7 (GC26-3864-0)
30	**GT26-3946-0			DEVICE SUPPORT FACILITIES STANALONE SCPS RELEASE 2 (GC26-3946-1)
50	**ST27-0431-0			NETWORK COMMUNICATIONS CONTROL FACILITY, LIC PROG 5735-XX6 MESSAGES (SC27-0431-2)
50	**ST27-0432-0	**SN31-1278	**SN31-1301	NETWORK COMMUNICATION CONTROL FACILITY (NCCP), LIC PROG 5735-XX6 TERMINAL USE (SC27-0432-2)
50	**ST27-0433-0	**SN31-1276	**SN31-1300	NETWORK COMMUNICATIONS CONTROL FACILITY, LIC PROG 5735-XX6, CUSTOMIZATION (SC27-0433-2)
50	**ST27-0439-0	**SN31-1085	**SN31-1157	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY (ACP/VTAME) RELEASE 1 LIC PROG 5746-RC7 INSTALLATION (SC27-0439-0)
50	**ST27-0443-0	**SN31-1083	**SN31-1158	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY (ACP/VTAME) RELEASE 1 LIC PROG 5746-RC7 OPERATION (SC27-0443-0)
50	**ST27-0449-0			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACP/VTAM) RELEASE 2 LIC PROG 5746-RC3 PROGRAMMING REFERENCE (SC27-0449-1)
50	**GT27-0459-0			SYSTEM CONTROL PROGRAMMING VTAM SYSTEM CONTROL PROGRAMMING FOR ACP/VTAM RELEASE 2 SCP 5747-CF1 SPECIFICATIONS (GC27-0459-0)
50	**GT27-0460-0			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACP/VTAM) RELEASE 2 LIC PROG 5746-RC3 SPECIFICATIONS (GC27-0460-0)
50	**GT27-0463-0			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACP/VTAM) RELEASE 2 LIC PROG 5746-RC3 GENERAL INFORMATION: CONCEPTS (GC27-0463-0)
50	**ST27-0466-0			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACP/VTAM) RELEASE 2 LIC PROG 5746-RC3 OPERATIONS (SC27-0466-1)
50	**ST27-0467-0			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACP/VTAM) RELEASE 2 LIC PROG 5746-RC3 MESSAGES AND CODES (SC27-0467-0)
50	**ST27-0470-0			ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACP/VTAM) LIC PROG 5735-RC2, MESSAGES & CODES (SC27-0470-0)
36	GT27-6979-2			OS/V5 SUPERVISOR SERVICES AND MACRO INSTRUCTIONS: VS2 REL 1.6, 1.7 (GC27-6979-2)
30	GT27-6980-1			OS/V5 BTAM: VS2 REL 1.6, 1.7, 2 (GC27-6980-0)
34	GT28-0604-0			OS/V52 STORAGE ESTIMATES: VS2 REL 1.6, 1.7 (GC28-0604-0)
34	GT28-0607-0	GN28-2625		INTRODUCTION TO JES3 REL 2.1: MVS REL 3.7 (GC28-0607-0)
36	GT28-0608-0			OS/V52 JES3 MACRO INSTRUCTIONS: REL 3, 3.6 (GC28-0608-0)
36	GT28-0618-2			OS/V5 JCL REFERENCE: VS2 REL 1.6, 1.7 (GC28-0618-2)
30	GT28-0631-2			OS/V5 DATA MANAGEMENT FOR SYSTEM PROGRAMMERS: VS2 REL 1.6, 1.7 (GC28-0631-2)
37	GT28-0632-0	GN28-2560		OS/V52 DEBUGGING GUIDE: REL 1 (GC28-0632-0)
37	GT28-0633-0	GN28-2540		OS/V5 SERVICE AIDS: VS1 REL 1, VS2 REL 1, (GC28-0633-1)
37	GT28-0636-0			OS/V5 OLTEP
37	GT28-0638-0			OS/V5, SYS1.LOGREC ERROR RECORDING
37	GT28-0640-0			OS/V5 DYNAMIC SUPPORT SYSTEM: VS2 REL 1.6, 1.7 (GC28-0640-0)
39	GT28-0644-0			OS/V52 TSO GUIDE: VS2 REL 1 (GC28-0644-0)
39	GT28-0645-0			OS/V52 TSO TERMINAL USER'S GUIDE: VS2 REL 1 (GC28-0645-0)
39	GT28-0646-0	GN28-2537		OS/V52 TSO COMMAND LANGUAGE REFERENCE: VS2 REL 1 (GC28-0646-0)
39	GT28-0648-0			OS/V52 TSO GUIDE TO WRITING A TERMINAL MONITOR PROGRAM OR A COMMAND PROCESSOR: VS2 REL 1.6, 1.7 (GC28-0648-0)
37	GT28-0663-0	GN28-2561	GN28-2588	TOLTEP FOR VTAM: VS2 REL 2; WITH GN28-2588, REL 3, 3.6 (GC28-0663-0)
37	GT28-0673-4	GN28-2918		OS/V5 SMP (GC28-0673-4)
39	GT28-0691-0			OS/V52 TSO ENHANCEMENTS: REL 1.6, 1.7 (GC28-0691-0)
34	GT28-0872-0	GN28-2988		MVS/SE GENERAL INFORMATION, VERSION 1 RELEASE 1, 5740-XE1 (GC28-0872-2)
34	ST28-0922-0			OS/V52 MVS RESOURCE MEASUREMENT FACILITY (RMP) REFERENCE AND USERS GUIDE, PROG PROD 5740-XY4 (SC28-0922-0) VER 2 REL 1
37	**GT28-1001-0			OS/V51 (VS1 AND MVS) EREPI RELEASE 3.8 SPECIFICATIONS (GC28-1001-1)
20	**GT28-1042-0			OS/V52 MVS/SYSTEM PRODUCT-JES3 RELEASE 3.8, LIC PROG 5740-XY5, SPECIFICATIONS (GC28-1042-1)

20	**GT28-1043-0			OS/VS2 MVS/SYSTEM PRODUCT-JES2 RELEASE 3.8, LIC PROG 5740-XYN, SPECIFICATIONS (GC28-1043-1)
39	GT28-6762-0	GN28-2487		OS/MVT AND OS/VS2 TSO TERMINALS MANUAL
30	GT30-2025-0			OS TCAM USER'S GUIDE - PROG. NO. 360S-CQ-548 OS/VS2 RELEASE 1.0 and OS/VS1 RELEASE 1.0, 2.0
50	**GT30-3131-0	** GN30-3164		ACF/TCAM, LIC PROG 5735-RC3, VERSION 2, RELEASE 2, GENERAL INFORMATION: FUNCTIONAL DESCRIPTION (GC30-3131-0)
50	**ST30-3132-0	** SN30-3143	** SN30-3155	ADVANCED COMMUNICATION FUNCTION FOR TCAM VERSION 2 RELEASE 2, LIC PROG 5735-RC3, INSTALLATION: GUIDE (SC30-3132-0)
50	**ST30-3133-0	** SN30-3182	** SN30-3156	ACF/TCAM, LIC PROG 5735-RC3, VERSION 2 RELEASE 2, INSTALLATION REFERENCE (SC30-3133-1)
50	**ST30-3149	** SN30-3149		ACF/TCAM, VERSION 2 INSTALLATION: SAMPLE PROGRAMS, LIC PROG 5735-RC3 RELEASE 1 (SC30-3134-0)
50	ST30-3134-0	** SN30-3184		ACF/TCAM OPERATION V2 R1 LIC PROG 5735-RC3 (SC30-3136-0)
50	ST30-3136-0			ACF/TCAM DIAGNOSIS V2R1 LIC PROG 5735-RC3 (SC30-3137-0)
50	ST30-3137-0			ACF/TCAM VERSION 2, LIC PROG 5735-RC3, RELEASE 2, SERVICE FACILITIES, SYSTEM SERVICE AND UTILITIES (SC30-3138-1)
50	**ST30-3138-0			ACF/TCAM, LIC PROG 5735-RC3, VERSION 2, RELEASE 2, MESSAGES SC30-3140-0
50	**ST30-3140-0	** SN30-3151		ACF/VCP/VS NETWORK CONTROL PROGRAM SYSTEM SUPPORT PROGRAMS RELEASE 2 LIC PROG 5735-XX1, -XX3 MESSAGES (SC30-3145-0)
50	** ST30-3145-0	SN30-3152		VSE/POWER RELEASE 2, LIC PROG 5746-XE3, INSTALLATION AND OPERATIONS GUIDE (SH12-5329-1)
36	ST32-5329-0			DOS PL/I OPTIMIZING COMPILER, 5736-PL1, FL3, RELEASE 4 SPECIFICATIONS (GC33-0016-8)
29	GT33-0016-0			DOS PL/I OPTIMIZING COMPILER RELEASE 5.1 LIC PROG 5736-PL3, -PL1, -LM4, -LM5, INSTALLATION (SC33-0020-5)
29	** ST33-0020-0	** SN20-9232	** SN20-9297	OS PL/I OPTIMIZING COMPILER RELEASE 3, LIC PROG 5734-PL1, SPECIFICATIONS (GC33-0022-7)
	**SD26-6029	**SN20-9334		OS PL/I OPTIMIZING COMPILER, LIC PROG 5734-PL1, -IM4, -LM5 INSTALLATION, RELEASE 3 (SC33-0026-5)
29	GT33-0022-0			CICS/VS V1 REL 3, LIC PROG 5740-XX1, 5746-XX3, LOGIC (SC33-0067-0)
29	ST33-0026-0			CICS/VS SYSTEM AND APPLICATION DESIGN GUIDE V1, REL 3 LIC PROG 5740-XX1, 5746-XX3 (SC33-0068-0)
50	ST33-0067-0	SN33-6187		CICS/VS VER 1 REL 3 (SC33-0069-01) LIC PROG 5740-XX1, 5746-XX3, REFERENCE
50	ST33-0068-0	SN33-6188		CICS/VS V1 REL 3 SYS PROGRAMMER'S GUIDE (DOS/VS), LIC PROG 5746-XX3, (SC33-0070-00)
50	ST33-0069-0	SN33-6233		CICS/VS SYS PROG. GD. OS/VS VER 1 REL 3 (SC33-0071-0)
50	ST33-0070-0			CICS/VS V1 REL 3 3600/3630 GUIDE, LIC PROG 5740-XX1, 5746-XX3, (SC33-0072-0)
50	ST33-0071-0	SN33-6231	SN33-6235	CICS/VS V1 REL 3 LIC PROG 5740-XX1, 5746-XX3, 3650 GUIDE (SC33-0073-0)
50	ST33-0072-0	SN33-6190		CICS/VS V1 REL 3 LIC PROG 5740-XX1, 5746-XX3, 3767/3770 GUIDE (SC33-0074-0)
50	ST33-0073-0	SN33-6191		CICS/VS VER 1 REL 3, IBM 3790 GUIDE (SC33-0075-02)
50	ST33-0074-0	SN33-6192		CICS/VS VER 1 REL 3 APPLICATION PROGRAMMER'S REFERENCE (SC33-0077-0)
50	ST33-0075-0	SN33-6193		CICS/VS V1, REL 3 APPLICATION PROGRAMMERS REFERENCE MANUAL (MACRO LEVEL) LIC PROG 5740-XX1, 5746-XX3 (SC33-0079-00)
50	ST33-0077-0	SN33-6195		CICS/VS OPERATOR GUIDE VER 1 REL 3 (SC33-0080-00)
50	ST33-0079-0	SN33-6197		CICS/VS VER 1 REL 3 MESSAGES AND CODES, LIC PROG 5740-XX1, 5746-XX3 (SC33-0081-0)
50	ST33-0080-0	SN33-6198	SN33-6236	CICS/DOS/VS VERSION 1 RELEASE 4, LIC PROG 5746-XX3, SPECIFICATIONS (GC33-0084-2)
50	ST33-0081-0	SN33-6199	SN33-6234	CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE CICS/VS RELEASE 1.4.1 LIC PROG 5746-XX3 APPLICATION PROGRAMMER'S REFERENCE MANUAL (RPG II) (SC33-0085-0)
50	**GT33-0084-0			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) RELEASE 1.4.1 LIC PROG 5746-XX3, ENTRY LEVEL SYSTEM USER'S GUIDE (SC33-0086-0)
50	ST33-0085-0	SN33-6241		CICS/VS OS VER. 1 REL. 3 PROGRAM PRODUCT SPECIFICATIONS (GC33-0087-0)
50	ST33-0086-0	SN33-6244		CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) RELEASE 1.4.1 LIC PROG 5746-XX3, 5740-XX1, PROBLEM DETERMINATION GUIDE (SC33-0089-0)
50	GT33-0087-0			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) MASTER INDEX VERSION 1 RELEASE 4 (SC33-0095-0)
50	ST33-0089-0	SN33-6228	SN33-6250	OS/VS & VM/370 ASSEMBLER LANGUAGE: VS2 REL 1.6, 1.7; (GC33-4010-1)
50	** ST33-0095-0			OS/VS & VM/370 ASSEMBLER PROGRAMMER'S GUIDE: VS2 REL 1.6, 1.7 (GC33-4021-1)
21	GT33-4010-1	GN33-8166		DOS/VS SORT/MERGE LIC PROG 5746-SM2 VERSION 2 PROGRAMMER'S GUIDE, RELEASE 2 (SC33-4044-1)
21	GT33-4021-1			DOS/VS SORT/MERGE LIC PROG 5746-SM2 VERSION 2 INSTALLATION REFERENCE MANUAL RELEASE 2 (SC33-4045-1)
33	ST33-4044-0			DOS/VS SORT/MERGE 5746-SM2 SPECIFICATIONS (GC33-4047-1)
33	ST33-4045-0			DOS/VS TAPE LABELS (GC33-5374-0) REL 34
33	** GT33-4047-0	GN33-8778		1401/1440/1460 DOS/VS EMULATOR ON S/370 - REFERENCE REL 33 (GC33-5384-0)
30	GT33-5374-0	GN33-7049	GN33-7062	DOS/VS RPG II GENERAL INFORMATION RELEASE 34 (GC33-6030)
35	GT33-5384-0	GN33-7065	GN33-7066	VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (ICCF) RELEASE 1, LIC PROG 5746-TS1, SPECIFICATIONS, (GC33-6065-0)
		GN33-7078	**GN33-7090	VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (ICCF) RELEASE 1, LIC PROG 5746-TS1, GENERAL INFORMATION (GC33-6066-0)
28	GT33-6030-0	GN33-9249		VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (ICCF) RELEASE 1, LIC PROG 5746-TS1, INSTALLATION AND OPERATIONS REFERENCE (SC33-6067-0)
39	GT33-6065-0			VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (ICCF) RELEASE 1, LIC PROG 5746-TS1 TERMINAL USER'S GUIDE (SC33-6068-0)
39	GT33-6066-0			VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (ICCF) RELEASE 1, LIC PROG 5746-TS1, MESSAGES (SC33-6069-0)
39	ST33-6067-0			
39	ST33-6068-0			
39	ST33-6069-0			

34	** ST33-6096-0	**SN33-9314	VSE/ADVANCED FUNCTIONS SYSTEM GENERATION, RELEASE 2, LIC PROG 5746-XE8 (SC33-6096-0)
40	** ST33-6098-0	** SN33-9278	VSE/ADVANCED FUNCTIONS MESSAGES, RELEASE 2 LIC PROG 5746-XE8 (SC33-6098-0)
34	** ST33-6101-0		VSE/ADVANCED FUNCTIONS RELEASE 2 MAINTAIN SYSTEM HISTORY PROGRAM, LIC PROG 5746-XE8, -XE9, USER'S GUIDE (SC33-6101-0)
20	** GT33-6102-0		VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, RELEASE 2 SPECIFICATIONS (GC33-6102-1)
20	** GT33-6108-0	** GN33-9277	INTRODUCTION TO VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 (GC33-6108-0)
20	** GT33-6109-0		SYSTEM CONTROL PROGRAMMING DOS/VSE SCP 5745-020 SPECIFICATIONS (GC33-6109-0)
50	**GT34-2009-0		NETWORK PROBLEM DETERMINATION APPLICATION RELEASE 1, LIC FRO 5735-XX8, SPECIFICATIONS (GC34-2009-0)
50	GT34-2010-0		NETWORK PROBLEM DETERMINATION FEATURE (NFDA) GENERAL INFORMATION, PROG 5735-XX8, RELEASE 1 (GC34-2010-1)
50	**ST34-2011-0		NETWORK PROBLEM DETERMINATION APPLICATION RELEASE 1, LIC PRO 5735-XX8, INSTALLATION (SC34-2011-2)
50	**ST34-2012-0		NETWORK PROBLEM DETERMINATION APPLICATION RELEASE 1, LIC PROG 5735-XX8, MESSAGES AND CODES (SC34-2012-0)
50	**ST34-2013-0		NETWORK PROBLEM DETERMINATION APPLICATION RELEASE 1, LIC PROG 5735-XX8, TERMINAL USE (SC34-2013-0)
37	ST34-2015-0		VSE INTERACTIVE PROBLEM CONTROL SYSTEM, LIC PROG 5746-SA1, USER'S GUIDE AND REFERENCE RELEASE 1 (SC34-2015-0)
37	** GT34-2017-0		DOS/VSE INTERACTIVE PROBLEM CONTROL SYSTEM (VSE/IPCS) RELEASE 2 LIC PROG 5746-SA1, GENERAL INFORMATION (GC34-2017-2)
37	** ST34-2020-0		VM/INTERACTIVE PROGRAM CONTROL SYSTEM EXTENSION (VM/IPCS) RELEASE 1, LIC PROG 5748-SA1, USERS GUIDE AND REFERENCE (SC34-2020-0)
37	GT34-2021-0		VSE INTERACTIVE PROBLEM CONTROL SYSTEM, LIC PROG 5746-SA1, SPECIFICATIONS RELEASE 1 (GC34-2021-0)
37	** GT34-2025-0		VM/INTERACTIVE PROBLEM CONTROL SYSTEM EXTENSION (VM/IPCS) RELEASE 1, LIC PROG 5748-SA1, SPECIFICATIONS (GC34-2025-0)
50	**ST34-2032-0		NETWORK PROBLEM DETERMINING APPLICATION RELEASE 1 USER ACTION GUIDE, LIC PROG 5735-XX8, (SC34-2032-0)
32	GT35-0005-2		OS/VS2 SVS UTILITIES (GC35-0005-1)
30	GT35-0009-0		OS/VS ACCESS METHOD SERVICES: VS2 REL 1.6, 1.7 (GC35-0009-0)
30	** GT35-0033-0		VSE/ADVANCED FUNCTIONS DEVICE SUPPORT FACILITIES RELEASE 2 LIC PROG 5746-XE8 (GC35-0033-2)
40	GT38-0110-0		OPERATORS LIBRARY: OS/VS1 REFERENCE MANUAL
40	GT38-0120-0		OPERATOR'S LIBRARY OS/VS CONSOLE CONFIGURATIONS VS2 REL 1.6, 1.7 (GC38-0120-2)
30	GT38-0255-0		OPERATOR'S LIBRARY: OS/VS1 DISPLAY CONSOLES
40	GT38-0260-0	GN27-1431	OS/VS2 OPERATOR'S LIBRARY: DISPLAY CONSOLES: REL 1.6, 1.7 (GC38-0260-0)
40	GT38-1002-3	GN28-2865	OS/VS2 SYSTEM MESSAGES: REL 1.6, 1.7 (GC38-1002-1)
31	GT38-1007-2		OS/VS MESSAGE LIBRARY: LINKAGE EDITOR AND LOADER MESSAGES VS2 REL 1.6, 1.7 (GC38-1007-2)
40	GT38-1008-1	GN28-2822	OS/VS2 SYSTEM CODES: REL 1.7 (GC38-1008-0)
40	** GT38-1045-0	** GN25-0343 ** GN28-2985	ENVIRONMENTAL RECORDING EDITING AND PRINTING (EREP) MESSAGES OS/VS1 RELEASE 6, OS/VS2 RELEASE 3.7, VM/370 RELEASE 6 (GC38-1045-1)
30	**GT40-2024-0		HIERARCHICAL STORAGE MANAGER (HSM), LIC FROG 5740-XRB USER COMMANDS REFERENCES SUMMARY RELEASE 3.7 (GX20-2024-2)
34	** ST40-2171-0		VSE PERFORMANCE TOOL RELEASE 1.1 IUP 5796-PLQ DESCRIPTION/OPERATIONS (SH20-2171-1)
50	ST40-2207-0		DEVELOPMENT MANAGER SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS), LIC PROG 5740-XC5, 5746-XC4 RELEASE 1 APPLICATION PROGRAM DESIGN GUIDE (SH20-2207-0)
50	ST40-2209-0		DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS) LIC PROG 5746-XC4, 5740-XC5, RELEASE 1.0 PROGRAM REFERENCE (SH20-2209-00)
50	ST40-2211-0		DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS), LIC PROG 5740-XC5, 5746-XC4, OPERATIONS GUIDE, RELEASE 1 (SH20-2211-00)
50	** GT40-4510-0		DB/DC DATA DICTIONARY RELEASE 3 LIC PROG 5746-XXC SPECIFICATIONS (GH20-4510-2)
30	**GT40-4545-0		HIERARCHICAL STORAGE MANAGER, LIC PROG 5740-XRB, SPECIFICATIONS RELEASE 3.7 (GH20-4545-2)
50	GT40-4642-0		DL/I DOS/VS, LIC PROG 5746-XX1, SPECIFICATIONS (GH20-4642-1)
50	ST40-9005-1		CICS/VS TERMINAL OPERATOR'S GUIDE, PRG FROD (5740-XX1) AND (5746-XX3) (SH20-9005-1)
50	ST40-9008-2		CICS/VS MESSAGES AND CODES MANUAL, PROG FROD 5740-XX1, 5746-XX3 (SH20-9008-2)
22	GT40-9064-0		VS APL, RELEASE 3, LIC PROG 5748-AP1, GENERAL INFORMATION (GH20-9064-4)
22	GT40-9086-0		VS APL, LIC PROG 5748-AP1 RELEASE 3, SPECIFICATIONS (GH20-9086-5)
50	ST44-5001-0		DL/I DOS/VS, LIC PROG 5746-XX1, GUIDE FOR NEW USER'S (SH24-5001-0) DL/I 1.3
36	LT52-5027-0		VSE/POWER, LIC PROG 5746-XE3, LOGIC, PART 1 REL 1 (LY12-5027-0)
30	**ST55-0024-0		OS PL/I OPTIMIZING COMPILER LIC PROG 5734-PL1, -PL3 SPECIFICATIONS (SH35-0024-1)
30	**ST55-0025-0		OS/VS2 MVS HIERARCHICAL STORAGE MANAGER MESSAGES, LIC FROG 5740-XRB, RELEASE 3.7 (SH35-0025-1)
37	ST60-0882-0	SN25-0402 SN25-0440 SN25-0479	VM/370 SERVICE ROUTINES LOGIC REL 3 (SY20-0882-3)
36	ST60-0887-0		VM/370 SYSTEM LOGIC AND PROBLEM DETERMINATION GUIDE PLC 5 (SY20-0887-0)
	SD23-9013		
	SD23-9028		
38	**LT60-2351-0		HOST REMOTE NODE ENTRY SYSTEM RELEASE 1, IUP 5796-PJY, SYSTEMS GUIDE (LY20-2351-0)
34	** LT60-2418-0		VSE PERFORMANCE TOOL RELEASE 1.1 IUP 5796-PLQ SYSTEMS GUIDE (LY20-2418-1)

50	LT60-2456-0			DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS) LIC PROG 5746-XC4, 5740-XC5, LOGIC MANUAL RELEASE 1 (LY20-2456-0)
50	LT60-8050-0			INFORMATION MANAGEMENT SYSTEM/VIRTUAL STORAGE (IMS/VS) RELEASE 1.1.5, LIC PROG 5740-XX2, FAILURE ANALYSIS STRUCTURE TABLES (FAST) FOR DUMP ANALYSIS (LY20-8050-2)
50	LT60-8063-0			IMS/VS RELEASE 1.1.5, LIC PROG 5740-XX2, DIAGNOSTIC AIDS, (LY20-8063-2)
50	LT60-8069-0	LN20-9280		INFORMATION MANAGEMENT SYSTEM/VIRTUAL STORAGE (IMS/VS) RELEASE 1.1.5, LIC PROG 5740-XX2, LOGIC (LY20-8069-0)
36	ST64-5161-0			OS/VS1 JOB MANAGEMENT LOGIC
36	ST64-5168-0	SN24-5524		OS/VS1 JOB MANAGEMENT LOGIC (SY24-5168-0)
				SY24-5178
				SY24-5184
36	ST64-5169-0	SN24-5532		OS/VS1 JOB MANAGEMENT LOGIC, VOLUME 2 (SY24-5169-0) REL 6.6
				SY24-5179
				SY24-5185
37	ST64-5170-0	SN24-5574		OS/VS1 R6 RMS LOGIC (SY24-5170-0)
				SD25-0007
				SY24-5176
50	**LT65-0002-0			NETWORK PROBLEM DETERMINATION APPLICATION RELEASE 1, LIC PROG 5735-XX8, LOGIC (LY25-0002-0)
37	LT65-0004-0			VSE INTERACTIVE PROGRAM CONTROL SYSTEM, LIC PROG 5746-SA1, LOGIC RELEASE 1 (LY25-0004-0)
30	ST66-3786-2			OS/VS ISAM LOGIC: VS2 REL 1.6, 1.7 (SY26-3786-2)
30	ST66-3788-2			OS/VS SAM LOGIC: VS2 REL 1.6, 1.7 (SY26-3788-2)
30	ST66-3789-1	SN26-8029		OS/VS BDAM LOGIC: VS2 REL 1.7, 1.7 (SY26-3789-1)
30	ST66-3817-0			OS/VS VSAM LOGIC: VS2 REL 1.6, 1.7 (SY26-3817-0)
36	ST66-3820-0			OS/VS2 CHECKPOINT/RESTART PLM
30	ST66-3832-0			OS/VS2 SAM LOGIC: RELEASE 2 (SY26-3832-0)
30	**ST66-3833-0			OS/VS2 ISAM LOGIC: REL 2, 3, 3.6 (SY26-3833-0)
30	ST66-3847-1			INDEPENDENT COMPONENT OS/VS2 CATALOG MANAGEMENT LOGIC: REL 3, 3.6, 3.7 (SY26-3847-1)
36	ST68-0605-0			OS/VS1 SYSTEM DATA AREAS
36	ST68-0612-0	SN28-2623		OS/VS2 JES 3 LOGIC (SY28-0612-0) JES 3 REL 2
37	ST68-0639-0			OS/VS SYS1.LOGREC ERROR RECORDING LOGIC
37	ST68-0643-0			OS/VS2 SERVICE AIDS LOGIC: REL 1.6, 1.7 (SY28-0643-0)
39	ST68-0649-0			OS/VS2 TSO CONTROL PROGRAM LOGIC: VS2 REL 1 (SY28-0649-0)
39	ST68-0650-0			OS/VS2 TERMINAL MONITOR PROGRAM AND SERVICE ROUTINES LOGIC REL 1.6, 1.7 (SY28-0650-0)
39	ST68-0651-0			OS/VS2 TSO COMMAND PROCESSOR LOGIC VOLUME 1, ACCOUNT REL 1.6, 1.7 (SY28-0651-0)
39	ST68-0652-0			OS/VS2 COMMAND PROCESSOR LOGIC VOLUME IV: REL 1.6, 1.7 (SY28-0652-0)
34	LT68-0923-0			OS/VS2 MVS RESOURCE MEASUREMENT FACILITY (RMP) (LY28-0923-0) PROG PROD 5740-XXM, LOGIC
50	**LT70-3042-0			ACF/TCAM V2 LIC PROG 5735-RC3 (LY30-3042-0), REFERENCE SUMMARY
50	LT70-3043-0			ACF/NCP/VS NETWORK CONTROL PROGRAM RELEASE 2, LIC PROG 5735-XX1, REFERENCE SUMMARY (LY30-3043-1)
50	LT73-6029-0	LN33-6229		CICS OS/VS V1 REL 3 LOGIC, LIC PROG 5740-XX1, (LY33-6029-0)
50	LT73-6033-0			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS) RELEASE 1.1.4, LIC PROG 5746-XX3, PROGRAM LOGIC: DATA AREAS (DOS/VS) (LY33-6033-0)
50	**LT73-6035-0			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5740-XX1, PROGRAM LOGIC: DATA AREAS (OS/VS) (LY33-6035-0)
21	ST73-8041-0	SN33-8152	SN33-8158	OS/VS, VM/370 ASSEMBLER LOGIC: VS2 REL 1.6, 1.7 (SY33-8041-0)
33	LT73-8044-0	LN33-8239		DOS/VS SORT/MERGE RELEASE 2 VERSION 2, LIC PROG 5746-SM2, LOGIC (LY33-8044-1)
21	ST73-8567-0	SN33-8165	SN33-8169	DOS/VS ASSEMBLER LOGIC RELEASE 34 (SY33-8567-0)
		SN33-8178	SN33-8209	
		SN33-8228		
28	LT73-9062-0			DOS/VS RPG II LOGIC RELEASE 1 (LY33-9062-0)
36	**LT73-9083-0			VSE/ADVANCED FUNCTIONS RELEASE 2, LIC PROG 5748-XE8, -XE9, DIAGNOSIS REFERENCE LOGICAL TRANSIENTS AND SIUBSXXX PHASES (LY33-9083-0)
36	**LT73-9084-0			VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8 DIAGNOSIS REFERENCE INITIAL PROGRAM LOAD AND JCB CONTROL (LY33-9084-0)
37	**LT73-9086-0			VSE/ADVANCED FUNCTIONS RELEASE 2 LIC PROG 5746-XE8, -XE9 DIAGNOSIS REFERENCE: AIDS (LY33-9086-0)
34	**LT73-9089-0			VSE/ADVANCED FUNCTIONS RELEASE 2, LIC PROG 5746-XE8, -XE9, DIAGNOSIS REFERENCE: MAINTAIN SYSTEM HISTORY PROGRAM (LY33-9089-0)
36	**LT73-9091-0			VSE/ADVANCED FUNCTIONS RELEASE 2, LIC PROG 5746-XE8, DIAGNOSIS REFERENCE: SUPERVISOR (LY33-9091-0)
36	**LT73-9094-0			VSE/POWER RELEASE 1, LIC PROG 5746-XE3, HANDBOOK (LY33-9094-0)
37	**LT73-9095-0			VSE/IPCS HANDBOOK, RELEASE 1, LIC PROG 5746-SA1, (LY33-9095-0)
39	**LT73-9096-0			VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1, HANDBOOK RELEASE 1 (LY33-9096-0)
39	ST75-0004-0			OS/VS2 TSO COMMAND PROCESSOR LOGIC VOLUME III: TEST: REL 1.6, 1.7 (SY35-0004)
32	ST75-0005-0	SN35-0008		OS/VS UTILITIES LOGIC: WITH SN35-0008, VS2 REL 1.6, 1.7 (SY35-0005-0)
30	**LT75-0026-0	**LN35-0076	**LN35-0093	OS/VS2 MVS HIERARCHIAL STORAGE MANAGER LOGIC, LIC PROG 5740-XRB, RELEASE 3.7 (LY35-0026-1)
		**LN35-0100		
30	**ST75-0030-0			DEVICE SUPPORT FACILITIES, SUID 5752-884 RELEASE 2 LOGIC SY35-0030-1
50	**LT78-3010-0	**LN31-1148	**LN31-1205	NETWORK COMMUNICATION CONTROL FACILITY (NCCF), LIC PROG 5735-XX6, LOGIC RELEASE 1 (LY38-3010-1)
		**LN31-1275	**LN31-1302	
50	**ST78-3012-0	**SN31-1082		ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY (ACF/VTAME) RELEASE 1 LIC PROG 5746-RC7 DIAGNOSTIC TECHNIQUES (SY38-3012-0)
50	**LT78-3022-0	**LN31-1199		ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) RELEASE 2 LIC PROG 5746-RC3 LOGIC VOLUME 1 (LY38-3022-0)
50	**LT78-3023-0			ADVANCED COMMUNICATIONS FUNCTION FOR BTAM (ACF/VTAM) LOGIC:

50	**LT78-3025-0			MULTISYSTEM NETWORKING FACILITY LIC PRCG 5746-RC3, 5735-RC2, RELEASE 2, FEATURE 6059 (DOS/VS), 6009 (OS/VS) (LY38-3023-0) ACF/VTAM ENCRYPT/DECRYPT FEATURE, LIC PRCG 5735-RC2 (LY38-3025-0)
50	**LT78-3026-0			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) RELEASE 2 LIC PROG 5746-RC3 DATA AREAS (DOS/VSE) (LY38-3026-1)
50	**LT78-3027-0			ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM) RELEASE 2, LOGIC BASE SYSTEM VOLUME 1 METHOD OF OPERATION (LY38-3027-0)
50	**LT78-3030-0			ACF/VTAM DATA AREAS RELEASE 2, LIC PROG 5735-RC2, (LY38-3030-1)
34	ST83-0005-0			SUPPLEMENT FOR MVS/SE TO SMP, 5740-XE1 (SD23-0005-1)
39	ST83-0065-0			SUPPLEMENT FOR ACF/VTAM TO TSO GUIDE TO WRITING A TMP OR CP, REL 3.8 (SD23-0065-1)
37	ST83-0140-0	SN28-2940	SN28-2973	SUPPLEMENT FOR VS2 DEBUG HANDBOOK (SD23-0140-0)
36	**GT83-0179-0			SUPPLEMENT FOR OS/VS2 MVS VCL RELEASE 3.8 TO MVS/SYSTEM PRODUCT, 5740-XYN, 5740-XYS (GD23-0179-1)
37	**ST83-0183-0	**SN28-4768		SUPPLEMENT FOR OS/VS2 SYSTEM PROGRAMMING LIBRARY MVS DIAGNOSTIC TECHNIQUES TO OS/VS2 MVS/SYSTEM PRODUCTS, 5740-XYN, -XYS RELEASE 3.8 (SD23-0183-0)
36	**LT83-0189-0	**LN28-4773		SUPPLEMENT FOR OS/VS2 SYSTEM LOGIC LIBRARY RELEASE 3.8 VOLUME 5 TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS (LD23-0189-1)
36	**LT83-0190-0	**LN28-4797		SUPPLEMENT FOR OS/VS2 SYSTEM LOGIC LIBRARY RELEASE 3.8 VOLUME 6 TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS (LD23-0190-1)
36	**LT83-0191-0	**LN28-4774		SUPPLEMENT FOR OS/VS2 SYSTEM LOGIC LIBRARY VOLUME 7 RELEASE 3.8 TO MVS/SYSTEM PRODUCT, 5740-XYN, -XYS (LD23-0191-1)
37	**LT83-0194-0	**LN28-4789		SUPPLEMENT FOR OS/VS2 MVS SYSTEM PROGRAMMING LIBRARY SERVICE AIDS LOGIC RELEASE 3.8 TO MVS/SYSTEM PRODUCT, 5740-XYS, -XYN (LD23-0194-1)
20	ST83-9000-0	SN25-0431	SN25-0458	SUPPLEMENT FOR VM/370 SEPP TO INTRODUCTION, 5748-XE1 (SD23-9000-0)
34	ST83-9001-0	SN25-0421	SN25-0441	SUPPLEMENT FOR VM/370 SEPP TO PLANNING & SYSTEM GENERATION GUIDE, 5748-XE1 (SD23-9001-0)
40	ST83-9002-0	SN25-0424	SN25-0443	SUPPLEMENT FOR VM/370 SEPP TO OPERATOR'S GUIDE (SD23-9002)
36	ST83-9003-0	SN25-0464		
36	ST83-9003-0	SN25-0425	SN25-0481	SUPPLEMENT FOR VM/370 SEPP TO SYSTEM PROGRAMMER'S GUIDE, 5748-XE1 (SD23-9003-0)
37	ST83-9005-0	SN25-0477		SUPPLEMENT FOR VM/370 SEPP TO CLTSEP & ERROR RECORDING, 5748-XE1 (SD23-9005-0)
36	ST83-9008-0	SN25-0429		SUPPLEMENT FOR VM/370 SYS EXT TO CMS COMMANDS & MACRO REF, 5748-XE1 (SD23-9008-0)
39	ST83-9009-0	SN25-0427		SUPPLEMENT FOR VM/370 SYS EXT TO CMS USER'S GUIDE, 5748-XE1 (SD23-9009-0)
36	ST83-9010-0	SN25-0474		SUPPLEMENT FOR VM/370 SYS EXT TO GENERAL USER'S GUIDE, 5748-XE1 (SD23-9010-0)
34	ST83-9011-0	SN25-0472		SUPPLEMENT FOR VM/370 SYSTEM EXTENSIONS TO OPERATING SYSTEMS IN A VIRTUAL MACHINE, 5740-XE1 (SD23-9011-0)
20	ST83-9015-0	SN25-0432	SN25-0463	SUPPLEMENT FOR VM/370 BSEPP TO VM/370 INTRODUCTION
34	ST83-9016-0	SN25-0422	SN25-0442	SUPPLEMENT FOR VM/370 BSEPP TO VM/370 PLANNING AND SYSTEM GENERATION GUIDE RELEASE 1, 5748-XX8 (SD23-9016-0)
36	ST83-9018-0	SN25-0466	SN25-0482	SUPPLEMENT FOR VM/370 BSEPP TO VM/370 SYSTEM PROGRAMMER'S GUIDE RELEASE 1, 5748-XX8 (SD23-9018-0)
37	ST83-9020-0			SUPPLEMENT FOR VM/370 BSEPP TO VM/370 OLISEP AND ERROR RECORDING GUIDE RELEASE 1, 5748-XX8 (SD23-9020-0)
36	ST83-9023-0	SN25-0430		SUPPLEMENT FOR VM/370 BSEPP TO VM/370 CMS COMMAND AND MACRO REFERENCE RELEASE 1, 5748-XX8 (SD23-9023-0)
39	ST83-9024-0	SN25-0428		SUPPLEMENT FOR VM/370 BSEPP TO CMS USER'S GUIDE R.1, 5748-XX8 (SD23-9024-0)
36	ST83-9025-0	SN25-0475		SUPPLEMENT FOR VM/370 BSEPP TO CP COMMAND REFERENCE FOR GENERAL USERS RELEASE 100, 5748-XX8 (SD23-9025-0)
34	ST83-9026-0			SUPPLEMENT FOR VM/370 BSEPP TO OPERATING SYSTEMS, RELEASE 1, 5748-XX8 (SD23-9026-0)
36	LT85-0014-0			SU 21 SUPPLEMENT FOR PROGRAMMED CRYPTOGRAPHIC FACILITY TO OS/VS1 SYSTEM DATA AREAS, 5740-XY5
14	GX09-1000-0			129-3270 OPERATOR'S REFERENCE SUMMARY
14	GX09-1001-0			129-2170 OPERATOR'S REFERENCE SUMMARY (REF 8T0105)
89	**GX11-6010-0			SCREEN DEFINITION FACILITY/CICS MAP SPECIFICATIONS - 1 SCREEN DEFINITION FACILITY/CICS MAP SPECIFICATIONS - 2
89	**GX11-6011-1			SCREEN DEFINITION FACILITY/CICS MAP SPECIFICATIONS - 3A SCREEN DEFINITION FACILITY/CICS MAP SPECIFICATIONS - 3B
89	**GX11-6012-1			SCREEN DEFINITION FACILITY/CICS MAP SET SPECIFICATIONS SCREEN DEFINITION FACILITY/CICS PAGE SPECIFICATIONS
89	**GX11-6013-1			SCREEN DEFINITION FACILITY/CICS PROFILE SPECIFICATIONS - 1 SCREEN DEFINITION FACILITY/CICS PROFILE SPECIFICATIONS - 2
89	**GX11-6014-1			SCREEN DEFINITION FACILITY/CICS PROFILE SPECIFICATIONS - 3 SCREEN DEFINITION FACILITY/CICS PROFILE SPECIFICATIONS - 4
89	GX11-6060-0			IBM SPECIFICATIONS FOR MAGNETIC CHARACTER READERS FORM
50	GX11-6065-0			ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE/VM (ELIAS-1), LIC PROG 5746-XXV, 5748-XXX, REFERENCE CARD
50	**GX20-1049-0			ENTRY LEVEL INTERACTIVE SYSTEM-ONE, LIC PRCG 5746-XXV 5748-XXX, REFERENCE SUMMARY
89	GX20-1701-1			GENERAL PURPOSE SYSTEMS SIMULATOR CODING FORM PROG. NOS. 5734-XS1, XS2, 5736-XS1, XS3, 360A-CS-17X, 19X
07	GX20-1710-2			IBM 2314 DIRECT ACCESS STORAGE FACILITY CAPACITY AND TRANSMISSION TIME REFERENCE CARD
89	GX20-1711-1			S/360 RECORD LAYOUT WORKSHEET
89	GX20-1751-0			2260 DISPLAY FORMAT
04	GX20-1759-3			1287 OPTICAL READER DESIGN FORMAT
89	**GX20-1761-0			MATHEMATICAL PROGRAMMING INPUT FORM SYSTEM/360 - 1130
01	GX20-1787-0			DEBUGGING AID DIRECT EVALUATION OF FLOATING POINT NUMBERS IN HEXADECIMAL
89	GX20-1816-0			150/10/6 PRINT CHART
89	GX20-1818-1			150/10/8 PRINT CHART
01	GX20-1850-3			S/370 REFERENCE SUMMARY CARD
09	GX20-1878-4			3270 INFORMATION DISPLAY SYSTEM, REFERENCE SUMMARY
07	GX20-1920-1			3330 SERIES DISK STORAGE, 3333 MODELS 1 & 11, 3330 MODELS 1, 2

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36	GX20-1926-6	VM/370 QUICK GUIDE FOR USERS REFERENCE SUMMARY
36	GX20-1927-1	ASP VERSION 3 ASYMMETRIC MULTIPROCESSING SYSTEM: OPERATORS REFERENCE BOOKLET - PROG. NO. 360A-CX-15X
36	GX20-1961-4	VIRTUAL MACHINE FACILITY/370 REFERENCE, LIC PROG 5749-010 REFERENCE SUMMARY COMMANDS (GENERAL USER)
04	GX20-1972-3	3890 DOCUMENT PROCESSOR REFERENCE SUMMARY
39	SX20-1976-1	SPF PROGRAM FUNCTION KEY TEMPLATE
37	GX20-1978-0	AUTOMATED UNIT TEST (AUT) TSO AND BATCH CS/VIS VERSION (IUP 5796-PEC) QUICK GUIDE FOR USERS REFERENCE GUIDE
07	GX20-1979-0	3340 MODELS A2, B1, B2, 3344 MODELS B2, B2F DIRECT STORAGE ACCESS REFERENCE SUMMARY
89	GX20-1981-0	3275/3277 PROGRAM FUNCTION KEY TEMPLATE
07	GX20-1983-0	3350 DIRECT ACCESS STORAGE, MOD A2, A2F, B2, B2F, C2, C2F
36	GX20-1995-1	VIRTUAL MACHINE/370 (VM/370) COMMANDS (OTHER THAN GENERAL USER) REFERENCE SUMMARY
89	GX20-1998-1	DMS/VIS DMS/CICS/VIS DATA TRANSFER FORM
89	GX20-1999-1	DMS/VIS DMS/CICS/VIS FILE DESCRIPTION FORM
89	GX20-2000-4	DMS/VIS, PROG PROD 5740-XC2, PANEL DESCRIPTION FORM
22	GX20-2004-0	APL FUNCTION EDITOR FOR APLSV AND VSAPL, IUP 5796-PGX, -PGY REFERENCE GUIDE
85	GX20-2005-0	HEXADECIMAL ARITHMETIC REFERENCE SUMMARY
50	GX20-2006-1	CICS SOURCE PROGRAM MAINTENANCE ONLINE II QUICK GUIDE FOR USERS, PROG PROD 5798-CPT
89	GX20-2007-0	3277 TEXT KEYBOARD FORM FOR PROGRAM-ASSIGNABLE CHARACTERS
30	SX20-2008-0	VNET COMMANDS (USER AND OPERATOR) REFERENCE SUMMARY
85	GX20-2016-0	VECTOR PROCESSING SUBSYSTEM VPSS REFERENCE CARD
30	**GX20-2024-3	HIERARCHICAL STORAGE MANAGER (HSM), LIC PROG 5740-XRB USER COMMANDS REFERENCE SUMMARY (CURRENT RELEASE)
30	**GX20-2025-3	HIERARCHICAL STORAGE MANAGER (HSM) LIC PROG 5740-XRB, SYSTEM PROGRAMMER AND OPERATOR COMMANDS REFERENCE SUMMARY (CURRENT RELEASE)
89	GX20-2030-1	DISPLAY MANAGEMENT SYSTEM 3770 (DMS/3770), LIC PROG 5748-XC3, LAYOUT FORM
39	**GX20-2032-1	QUERY BY EXAMPLE: IUP 5796-PKI, REFERENCE SUMMARY CARD
89	GX20-2040-0	GENERAL PURPOSE 3276/3278 PROGRAM FUNCTION TEMPLATE STRIP
89	GX20-2041-0	3276/3278 PROGRAM FUNCTION KEY TEMPLATE - GENERAL USE
89	GX20-2043-0	PLASTIC HOLDER FOR TEMPLATE INFORMATION CARDS
89	GX20-2325-1	EPIC: FAST - GROUP NAME SHEET - PRG PROD 5735-E92
89	GX20-2326-1	EPIC:FAST, GROUP HEADER SHEET, LIC PROG 5735-E92
39	GX20-2328-1	STRUCTURED PROGRAMMING FACILITY (SPF/TSO) VERSION 2.2, LIC PROG 5740-XT8, QUICK REFERENCE SUMMARY
89	GX20-2339-1	DMS PANEL DESCRIPTION (CURRENT RELEASE)
89	GX20-2341-1	DMS/CICS/VIS CALCULATION AND EDIT FORM
89	GX20-2342-0	INTERACTIVE INSTRUCTIONAL SYSTEM - PRESENTATION WORKSHEET
39	**GX20-2343-1	SYSTEM IPO/E & INTERACTIVE PRODUCTIVITY FACILITY REFERENCE SUMMARY
39	SX20-2346-0	INTERACTIVE PRODUCTIVITY FACILITY TEMPLATE
39	GX20-2347-0	SUPPORT AND STRUCTURAL PROGRAMMING FACILITY CONVERSATIONAL MONITOR SYSTEM, LIC PROG 5748-XT3, QUICK REFERENCE SUMMARY
89	GX20-2350-0	BSP MATRIX FORM
89	GX20-2351-0	BSP MATRIX FORM
09	GX20-2352-0	3101 DISPLAY TERMINAL REFERENCE SUMMARY
39	SX20-2355-0	3276 3278 INTERACTIVE PRODUCTIVITY FACILITY PROGRAM FUNCTION TEMPLATE
89	**GX20-2358-1	3270 INFORMATION/SYSTEM PPK TEMPLATE
85	GX20-2364-0	TOTAL STORAGE MANAGEMENT PRODUCT MATRIX REFERENCE SUMMARY
37	**GX20-2365-0	PASCAL/VIS, IUP 5796-PNQ, REFERENCE SUMMARY
39	**GX20-2383-0	VSE SYSTEM IPO/E AND INTERACTIVE PRODUCTIVITY FACILITY RELEASE 2.1, LIC PROG 5748-MS1, REFERENCE SUMMARY
89	**SX20-2384-0	PF KEY SYSTEM PRODUCTIVITY FACILITY TEMPLATE STRIP FOR 3270 TERMINALS
89	**SX20-2386-0	PF KEY SYSTEM PRODUCTIVITY FACILITY TEMPLATE FOR 3270 TERMINALS
36	**SX20-4400-0	VM/SP, LIC PROG 5664-167, QUICK GUIDE FOR USERS
20	**SX20-4401-0	VM/SP, LIC PROG 5664-167, REFERENCE SUMMARY GENERAL USER
20	**SX20-4402-0	VM/SP, LIC PROG 5664-167, REFERENCE SUMMARY OTHER THAN GENERAL USER
30	**GX20-4404-0	DATA BASE RESTRUCTURING SYSTEM, IUP 5796-FLH, REFERENCE CARD
00	GX20-8020-1	FLOWCHARTING TEMPLATE
89	GX20-8021-2	FLOWCHARTING WORKSHEET
89	**GX21-5214-0	TOP/DOWN FLOWCHART TEMPLATE
89	GX21-9011-0	1062 PROGRAM TAPE LAYOUT SHEET
15	GX21-9030-0	1030 DATA COLLECTION SYSTEM, PHYSICAL PLANNING TEMPLATE
89	GX21-9090-4	RPG OUTPUT-FORMAT SPECIFICATIONS (FORM)
89	GX21-9091-3	RPG EXTENSIONS AND LINE COUNTER SPECIFICATIONS SHEET
89	**GX21-9092-7	RPG CONTROL CARD AND FILE DESCRIPTION SPECIFICATIONS FORM
89	GX21-9093-3	RPG CALCULATION SPECIFICATIONS SHEET
89	GX21-9094-4	RPG INPUT SPECIFICATIONS FORM
89	**GX21-9095-4	RPG INDICATOR SUMMARY FORM
89	GX21-9096-3	TRANSLATION TABLE AND ALTERNATE COLLATING SEQUENCE CODING SHEET
89	GX21-9101-3	SPECIFICATIONS FOR MAGNETIC CHARACTER READERS
04	GX21-9106-0	1288 DOCUMENT GAUGE FOR MACHINE SETUP
89	**GX21-9129-8	RPG DEBUGGING TEMPLATE
89	GX21-9139-4	RPG AUTO REPORT SPECIFICATIONS
15	GX21-9155-1	3740 DATA ENTRY SYSTEM PHYSICAL PLANNING TEMPLATE
08	GX21-9171-3	3747 DATA CONVERTER REFERENCE CARD
08	GX21-9172-1	3741/3742 REFERENCE CARD
89	GX21-9185-0	3747 DATA CONVERTER RUN SHEET
89	GX21-9186-0	3740 JOB INSTRUCTIONS FORM
89	GX21-9187-0	3740 SYSTEM PRINT CHART
08	GX21-9204-2	3741 PROGRAMMABLE WORK STATION MODELS 3-4 REFERENCE CARD
15	GX22-6834-8	PUNCHED CARD AND TAPE I/O AND PRINTERS, FOR SYSTEM/360 AND SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE
05	GX22-6837-5	2401 - 2404 AND 2415 MAGNETIC TAPE UNITS
15	GX22-6855-9	S/360 & S/370 MAGNETIC TAPE UNITS & CONTROLS, PHYSICAL PLANNING

15	GX22-6857-8	TEMPLATE S/360 & S/370 COMMUNICATIONS EQUIPMENT, PHYSICAL PLANNING TEMPLATE
15	GX22-6858-7	S/360 & S/370 DATA STORAGE DEVICES, PHYSICAL PLANNING TEMPLATE
15	GX22-6859-5	S/360 & S/370 CONSOLES & TERMINALS, PHYSICAL PLANNING TEMPLATE
15	GX22-6860-6	S/360 & S/370 MAGNETIC & OPTICAL CHARACTER READERS, PHYSICAL PLANNING TEMPLATE
15	GX22-6925-1	S/360 & S/370 FIELD ENGINEERING FURNITURE & TEST EQUIPMENT, PHYSICAL PLANNING TEMPLATE
15	GX22-6981-0	S/370 MODEL 195, PHYSICAL PLANNING TEMPLATE
01	GX22-6984-2	S/370 MODEL 165, OPERATOR'S REFERENCE CARD
15	GX22-6985-1	S/360 & S/370 CHANNELS: 2860, 2870 & 2880, PHYSICAL PLANNING TEMPLATE
15	GX22-6987-0	3838 ARRAY PROCESSOR MODELS 1-3 FOR SYSTEM/370: PHYSICAL PLANNING TEMPLATE
15	GX22-7005-1	S/370 MODEL 145, PHYSICAL PLANNING TEMPLATE
15	GX22-7006-1	S/370 MODEL 155, PHYSICAL PLANNING TEMPLATE
15	GX22-7007-2	S/370 MODEL 165, PHYSICAL PLANNING TEMPLATE
15	GX22-7008-1	S/370 MODEL 135, PHYSICAL PLANNING TEMPLATE
15	GX22-7021-2	S/370 MODEL 125, PHYSICAL PLANNING TEMPLATE
15	GX22-7022-6	S/370 MODEL 168, PHYSICAL PLANNING TEMPLATE
15	GX22-7023-5	S/370 MODEL 158, PHYSICAL PLANNING TEMPLATE
15	**GX22-7024-5	3033 PROCESSOR PHYSICAL PLANNING TEMPLATE
15	GX22-7025-5	3032 PROCESSOR COMPLEX TEMPLATE INCLUDES 3027 POWER AND COOLANT DISTRIBUTION UNIT AND 3036 CONSOLE
15	GX22-7026-2	3031 PROCESSOR COMPLEX TEMPLATE INCLUDES 3017 POWER UNIT MODEL 1 AND 3036 CONSOLE MODEL 1
15	GX22-7028-2	S/370 MODEL 115, PHYSICAL PLANNING TEMPLATE
15	GX22-7029-1	3340 DISK STORAGE MODELS A2, B1 AND B2 AND 3344 DIRECT ACCESS STORAGE MODELS B2 AND B2F FOR SYSTEM/370 - PHYSICAL PLANNING TEMPLATE
15	GX22-7030-1	3420 MAGNETIC TAPE UNIT MODELS 3 TO 8 & 3803 TAPE CONTROL MODELS 1-3 FOR SYSTEM/370: PHYSICAL PLANNING TEMPLATE
15	GX22-7031-4	3890 DOCUMENT PROCESSOR: PHYSICAL PLANNING TEMPLATE
15	GX22-7032-2	3704 COMMUNICATIONS CONTROLLER FOR SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE
15	GX22-7035-0	3410 MAGNETIC TAPE UNIT MODELS 1 TO 3 AND 3411 MAGNETIC TAPE UNIT AND CONTROL MODELS 1 TO 3 FOR SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE
15	GX22-7037-0	2401 MAGNETIC TAPE UNIT MODELS 1 TO 6 AND 8, FOR SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE
15	GX22-7038-0	2415 MAGNETIC TAPE UNIT AND CONTROL MODELS 1 TO 6, FOR SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE
15	GX22-7039-0	2420 MAGNETIC TAPE UNIT MODELS 5 AND 7, FOR SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE
15	GX22-7041-0	2495 TAPE CARTRIDGE READER MODEL 1, FOR SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE
15	GX22-7042-0	2803 TAPE CONTROL MODELS 1 TO 3, FOR SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE
15	GX22-7043-0	2804 TAPE CONTROL MODELS 1 TO 3, FOR SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE
15	GX22-7044-0	2816 SWITCHING UNIT MODEL 1, FOR SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE
15	GX22-7045-1	3540 DISKETTE INPUT/OUTPUT UNIT MODELS B1 AND B2 FOR SYSTEM/370: IBM PHYSICAL PLANNING TEMPLATE
15	GX22-7047-2	IBM PHYSICAL PLANNING TEMPLATE: 3330 DISK STORAGE MODELS 1, 2, AND 11; 3333 DISK STORAGE & CONTROL MODELS 1 AND 11 FOR S/370; 3830 STORAGE CONTROL MODELS 1, 2 AND 3 FOR S/370
15	GX22-7051-0	3705 COMMUNICATIONS CONTROLLER FOR SYSTEM/370: PHYSICAL PLANNING TEMPLATE
15	GX22-7052-0	PHYSICAL PLANNING TEMPLATE FOR 3881 OPTICAL MARK READER MODELS 1-3 & 3886 OPTICAL CHARACTER READER MODELS 1 & 2
15	GX22-7053-2	3851 MASS STORAGE FACILITY PHYSICAL PLANNING TEMPLATE
15	**GX22-7054-2	3800 PRINTING SUBSYSTEM MODEL 1 PHYSICAL PLANNING TEMPLATE
15	**GX22-7057-3	3350 DIRECT ACCESS STORAGE MODELS A2, A2F, B2, B2F, C2, AND C2F PHYSICAL PLANNING TEMPLATE
15	GX22-7058-1	SYSTEM/370 MODEL 148, PHYSICAL PLANNING TEMPLATE
15	GX22-7059-1	S/370 MODEL 148, PHYSICAL PLANNING TEMPLATE
15	GX22-7061-1	3031 ATTACHED PROCESSOR COMPLEX WITH 3041 ATTACHED PROCESSING UNIT - PHYSICAL PLANNING TEMPLATE: INCLUDES 3017 PRINTER MODEL 1 AND 3036 CONSOLE MODEL 1 - PHYSICAL PLANNING TEMPLATE
15	GX22-7062-7	3033 MULTIPROCESSOR COMPLEX TEMPLATE: 3036, 3037, 3038
15	GX22-7063-0	3895 DOCUMENT READER/INSCRIBER
15	GX22-7064-0	3896 TAPE DOCUMENT CONVERTER
15	**GX22-7066-3	3287 PRINTER MODELS 1 & 2 PHYSICAL PLANNING TEMPLATE
15	GX22-7067-0	3250 GRAPHICS DISPLAY SYSTEM PHYSICAL PLANNING TEMPLATE (SCALE 1:48)
15	GX22-7068-0	3250 GRAPHICS DISPLAY SYSTEM PHYSICAL PLANNING TEMPLATE (SCALE 1:50)
15	**GX22-7070-2	3203 PRINTER MODEL 5 PHYSICAL PLANNING TEMPLATE
15	**GX22-7074-3	PHYSICAL PLANNING TEMPLATE FOR 8809 MODELS 1A, 2 AND 3 (10 mm = 0.5 m)
15	**GX22-7075-4	3033 ATTACHED PROCESSOR COMPLEX PHYSICAL PLANNING TEMPLATE
15	GX22-7076-1	PHYSICAL PLANNING TEMPLATE FOR 3880 STORAGE CONTROL (10 mm = 0. 5 m)
15	**GX22-7079-1	3370 DIRECT ACCESS STORAGE MODELS A1 AND B1 PHYSICAL PLANNING TEMPLATE
15	**GX22-7080-2	PHYSICAL PLANNING TEMPLATE FOR 3310 MODELS A1/A2 AND B1/B2
15	**GX22-7082-3	3262 PRINTER MODELS 1, 2, 11 & 12 PHYSICAL PLANNING TEMPLATE
15	GX22-7083-0	2914 SWITCHING UNIT MODEL 1 TEMPLATE
15	GX22-7084-0	5424 MULTI-FUNCTION CARD UNIT MODELS A1, A2, K1, K2, AND K3
15	GX22-7085-0	3848 CRYPTOGRAPHIC UNIT PHYSICAL PLANNING TEMPLATE
15	**GX22-7087-1	3081 PROCESSOR COMPLEX TEMPLATE
15	**GX22-7088-1	3375 DIRECT ACCESS STORAGE MODELS A1 AND B1 PHYSICAL PLANNING TEMPLATE

15	GX22-7089-0	3380 DIRECT ACCESS STORAGE MODEL A4, A4P, AA4, AAF, B4, and E4F TEMPLATE
15	**GX22-7090-1	3814 SWITCHING MANAGEMENT SYSTEM MODELS A1-A4, B1-B4, AND C1-C4 TEMPLATE
15	GX22-7091-0	3289 LINE PRINTER MODEL 4
15	**GX22-7095-0	3081 PROCESSOR COMPLEX
37	GX23-0001-1	OS/VS1 SERVICE AIDS REFERENCE SUMMARY
40	GX23-0003-3	S/370 REFERENCE SUMMARY JES3 OPERATOR COMMANDS DYNAMIC SUPPORT PROGRAMS
36	SX23-0004-2	OPERATOR'S LIBRARY: NJE FACILITY FOR JES 2, LIC PROG 5740-XR8, COMMAND LANGUAGE REFERENCE SUMMARY
40	**GX23-0005-1	OPERATOR'S LIBRARY: OS/VS2 MVS JES2 COMMAND LANGUAGE REFERENCE SUMMARY
30	SX23-0006-0	MVS/INFORMATION DISTRIBUTION WORK STATION SUPPORT OPERATION, LIC PROG 5740-AMA WORK STATION CONTROLLER AND SYSTEM OWNER COMMAND REFERENCE SUMMARY
40	**SX23-0007-0	JES3 OPERATOR'S LIBRARY: REFERENCE SUMMARY
40	**SX23-0008-0	OPERATOR'S LIBRARY: JES2 COMMAND SYNTAX
89	**GX23-0201-3	3276/3278 TROUBLE REPORT FORM
89	**GX23-0202-0	3275/3277 TROUBLE REPORT FORM
89	GX23-0203-1	3274 CONTROL UNIT PROBLEM REPORT FORM
89	**GX23-0204-0	3284/3286/3288 TROUBLE REPORT FORM
89	GX24-3092-0	1050 DATA COMMUNICATIONS SYSTEM TRANSMISSION, LIMITED MAXIMUM-MESSAGE-RATE GRAPH
89	GX24-3124-2	1050 DATA COMMUNICATION SYSTEM, PLANNING CHART
89	GX24-3139-3	1050 DATA COMMUNICATION SYSTEM, OPERATOR INSTRUCTION SHEET
89	GX24-3285-1	1030 DATA COLLECTION SYSTEM, 1031 PROGRAM CHART
15	GX24-3381-1	1050 DATA COMMUNICATIONS SYSTEM: PHYSICAL PLANNING TEMPLATE
04	SX24-3646-0	3895 FIELD COORDINATE GAUGE
89	**GX24-3670-2	4341 PROCESSOR CHANNEL LOAD SUM WORKSHEET
04	SX24-3690-0	3896 TAPE DOCUMENT CONVERTER TAPE COPY TICKET SAMPLES
89	**GX24-3722-2	IBM LOOP INSTALLATION FLOOR PLAN LAYOUT CHART
15	GX24-3728-3	4331 PROCESSOR PHYSICAL PLANNING TEMPLATE (1:50)
15	GX24-3729-2	4341 PROCESSOR PHYSICAL PLANNING TEMPLATE (1:50)
89	**GX24-3738-1	3262 PRINTER MODELS 1 & 11 TROUBLE REPORT FORM
89	GX24-3746-2	4341 PROCESSOR BYTE-MULTIPLEXER CHANNEL PRELIMINARY WORKSHEET
89	**GX24-3749-0	TROUBLE REPORT FORM - 3262 PRINTER MODELS 3 AND 13
89	GX24-5101-0	OS/VS1 TRACE TABLE OVERLAY
30	SX24-5102-1	3895 DIDM FIELD LOCATION GAUGE
50	SX24-5103-2	DL/I DOS/VS VERSION 1.3 APPLICATION PROGRAMMING REFERENCE SUMMARY PROGRAM NUMBER 5746-XX1
50	SX24-5104-2	DL/I DOS/VS VERSION 1.3 SYSTEM PROGRAMMING REFERENCE SUMMARY PROGRAM NUMBER 5746-XX1
30	**SX24-5119-1	VIRTUAL MACHINE FACILITY/370: REMOTE SPOCLING COMMUNICATIONS SUBSYSTEM NETWORKING, LIC PROG 5748-XP1, REFERENCE SUMMARY
50	SX24-5120-0	DL/I DOS/VS REFERENCE SUMMARY HIGH LEVEL PROGRAMMING INTERFACE LIC PROG 5746-XX1
39	**SX24-5122-0	VM/SYSTEM PRODUCT, LIC PROG 5664-167, COMMAND LANGUAGE REFERENCE SUMMARY SYSTEM PRODUCT EDITOR
39	**SX24-5123-0	VM/SP PRODUCT EDITOR PFK TEMPLATE
39	**SX24-5124-0	VM/SYSTEM PRODUCT, LIC PROG 5664-167, EXEC 2 LANGUAGE REFERENCE SUMMARY
89	**GX24-6599-1	MULTIPLE CARD LAYOUT FORM - 80 COLUMN
01	GX26-1587-0	DECIMAL/HEXADECIMAL INTEGER CONVERSION CHART
01	GX26-1588-0	DECIMAL/HEXADECIMAL FRACTION CONVERSION CHART
14	GX26-1618-0	2730 MODEL 1 TRANSACTION VALIDATION TERMINAL REFERENCE SUMMARY
89	GX26-1639-1	3800 PRINT CHART
89	GX26-1640-1	3800 PRINT CHART
89	GX26-1641-1	3800 PRINT CHART
89	GX26-1642-1	3800 PRINT CHART
89	GX26-1643-1	3800 PRINT CHART
89	GX26-1644-1	3800 PRINT CHART
89	GX26-1652-1	3800 PRINTING SUBSYSTEM, PRINT LINE & CHARACTER PITCH GAUGE
89	**GX26-1663-1	DIVIDER TABS FOR 3880 STORAGE CONTROL DESCRIPTION
23	SX26-3710-2	VS BASIC FOR VSFC: REFERENCE SUMMARY, PROG 5748-XX1
25	SX26-3711-2	VSFC FORTRAN, LIC PROG 5748-FO2, REFERENCE SUMMARY
22	**SX26-3712-4	VS APL (5748-AP1) REFERENCE SUMMARY
89	GX26-3713-3	3800 PRINTING SUBSYSTEM, CHARACTER DESIGN & CODING FORM
89	GX26-3716-1	DE/DC DATA DICTIONARY FIELD DEFINITION FORM, PROG PRODS 5740-XXF, 5746-XXC
89	**GX26-3717-2	OS/VS DE/DC DATA DICTIONARY, LIC PROG 5740-XXF, SEGMENT DEFINITION FORM
89	GX26-3718-1	DE/DC DATA DICTIONARY TEXT DATA FORM, PRG PROD 5740-XXF, 5746-XXC
89	GX26-3725-0	DE/DC DATA DICTIONARY FIELD DEFINITION FORM FOR PL/I DATA
50	**SX26-3727-1	IMS/VS VERSION 1, LIC PROG 5740-XX2, APPLICATION PROGRAMMING REFERENCE SUMMARY
30	GX26-3728-0	3203 PRINTER MODEL 5 OS/VS2 MVS 3.8 SUPPORT INSTALLATION REFERENCE SUMMARY
50	SX26-3729-0	GIS/VS, LIC PROG 5740-XX7, USER'S REFERENCE CARD
25	**SX26-3731-0	VS FORTRAN APPLICATION PROGRAMMING, LIC PROG 5748-FO3, -LM3, SOURCE-TIME REFERENCE SUMMARY
50	SX27-0003-0	ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM), LIC PROG 5746-RC3, REFERENCE SUMMARY (CURRENT RELEASE)
50	LX27-0004-0	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5746-RC3, CONTROL BLOCK OVERVIEW (CURRENT RELEASE)
50	**SX27-0008-1	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM, LIC PROG 5735-RC2, 5746-RC3 REFERENCE SUMMARY (CURRENT RELEASE)
50	LX27-0009-0	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), LIC PROG 5735-RC2, CONTROL BLOCK OVERVIEW RELEASE 2
50	LX27-0013-0	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) CONTROL BLOCK OVERVIEW ACF/VTAM RELEASE 2 (OS/VS2 MVS)
89	GX27-0014-1	3278 LAYOUT SHEET 3270 INFORMATION DISPLAY SYSTEM
30	GX27-0024-0	VTAM (LEVEL 1.1) REFERENCE SUMMARY: VS1 REL 4; VS2 REL 3
30	GX27-0029-2	DOS/VS VTAM CONTROL BLOCK OVERVIEW

30	GX27-0030-1	OS/VS1 VTAM CONTROL BLOCK OVERVIEW
30	GX27-0031-1	OS/VS2 MVS VTAM (LEVEL 2) CONTROL BLOCK OVERVIEW
30	GX27-0033-1	DOS/VS VTAM REFERENCE SUMMARY
30	GX27-0034-1	OS/VS VTAM (LEVEL 2) REFERENCE SUMMARY
50	**GX27-0042-0	**GX27-0043 ADVANCED COMMUNICATIONS FUNCTION FOR VTAM RELEASE 3 LIBRARY SUMMARY
30	GX27-0048-0	OS/VS2 SVS VTAM CONTROL BLOCK OVERVIEW
15	**GX27-2900-1	IBM PHYSICAL PLANNING TEMPLATE: COMMUNICATIONS TERMINALS
89	GX27-2901-0	IMAGE PLANNING CHART - 2760 OPTICAL IMAGE UNIT, REGISTRATION PUNCHING - ACME
89	GX27-2902-0	IMAGE PLANNING CHART - 2760 OPTICAL IMAGE UNIT, REGISTRATION PUNCHING - OXBERRY
89	GX27-2903-1	2760 LAYOUT GUIDE (REGISTRATION PUNCHING - ACME)
89	GX27-2904-1	2760 LAYOUT GUIDE (REGISTRATION PUNCHING - OXBERRY)
89	GX27-2905-0	2760 OPTICAL IMAGE LIMIT AUXILIARY SCREEN OVERLAY GUIDE
15	GX27-2909-0	2770 DATA COMMUNICATIONS SYSTEM: PHYSICAL PLANNING TEMPLATE
89	GX27-2910-2	2795/2796/2797 OPERATING INSTRUCTIONS
15	GX27-2917-2	3770 DATA COMMUNICATION SYSTEM PHYSICAL PLANNING TEMPLATE
89	GX27-2918-2	3770 DATA COMMUNICATION SYSTEM, ERROR LOG OVERLAY
89	**GX27-2922-0	3289 LINE PRINTER MODELS 1 & 2 OPERATOR'S TROUBLE REPORT FORM
03	GX27-2923-1	3287 PRINTER OPERATOR'S TROUBLE REPORT
89	**GX27-2925-0	3289 LINE PRINTER MODEL 4 OPERATOR'S TROUBLE REPORT FORM
89	GX27-2931-0	3287 PRINTER MODELS 1C and 2C OPERATOR'S TROUBLE REPORT
89	GX27-2950-0	2250 DISPLAY LAYOUT SHEET
89	GX27-2951-2	3270 INFORMATION DISPLAY SYSTEM, LAYOUT SHEET
15	**GX27-2990-3	PHYSICAL PLANNING TEMPLATE (ENGLISH MEASUREMENT) 3270 INFORMATION DISPLAY SYSTEM
15	**GX27-2999-3	PHYSICAL PLANNING TEMPLATE (METRIC MEASUREMENT) 3270 INFORMATION DISPLAY SYSTEM
50	LX27-3017-0	ACF/VTAM OS/VS1, LIC PROG 5735-RC2, CONTROL BLOCK OVERVIEW
50	LX27-3018-0	ACF/VTAM CONTROL BLOCK OVERVIEW, LIC PROG 5735-RC2 (MVS)
50	LX27-3019-0	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) CONTROL BLOCK OVERVIEW, PROG PROD 5746-RC3
50	SX27-3021-0	ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5735-RC2 (OS/VS) REFERENCE SUMMARY
50	SX27-3022-0	ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5746-RC3 (DOS/VS) REFERENCE SUMMARY
50	SX27-3030-0	ACF/VTAM SNA PROBLEM DETERMINATION HANDBOOK
50	GX27-3031-0	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) LIBRARY REFERENCE SUMMARY
50	SX27-3032-1	ACF/VTAME, LIC PROG 5746-RC7, REFERENCE SUMMARY (CURRENT RELEASE)
30	SX28-0609-0	OS/VS2 MVS RACF GENERAL USER COMMAND REFERENCE CARD
40	GX28-0610-0	OS/VS MESSAGE LIBRARY: SYSTEM MESSAGES DIRECTORY
39	GX28-0647-4	OS/VS2 TSO COMMAND LANGUAGE REFERENCE SUMMARY
37	GX28-0684-1	OS AND OS/VS SMP REFERENCE SUMMARY
89	GX28-1464-6	COBOL CODING FORM
24	GX28-1520-0	COBOL REFERENCE CARD
25	GX28-6384-0	FORTRAN IV REFERENCE CARD
23	SX28-6385-1	VS BASIC (TSO) REFERENCE SUMMARY, PROG PROD 5748-XX1
23	SX28-6386-1	VS BASIC(CMS) REFERENCE SUMMARY, PROG PROD 5748-XX1
40	GX28-6400-3	TIME SHARING SYSTEM, QUICK GUIDE FOR USERS
89	**GX28-6506-4	IBM SYSTEM/360 BASIC ASSEMBLER SHORT CODING FORM
89	GX28-6507-4	S/360 BASIC ASSEMBLER LONG CODING FORM
89	**GX28-6509-7	ASSEMBLER CODING FORM
29	SX28-6813-1	S/360 OS/DOS ITP, LIC PROG 5734-RC1, 5736-RC1, PLI REFERENCE CARD
23	SX28-6814-1	S/360 OS/DOS ITP, LIC PROG 5734-RC1, 5736-RC1, BASIC REFERENCE CARD
89	GX28-7327-6	FORTRAN CODING FORM
25	SX28-8193-0	IBM FORTRAN INTERACTIVE DEBUG FOR OS (TSC) AND VM/370 (CMS) REFERENCE CARD - PROGRAM NUMBER 5734-PO5
24	SX28-8194-2	IBM OS COBOL INTERACTIVE DEBUG REFERENCE CARD - PROGRAM PRODUCT 5734-CB4
89	**GX33-1500-0	4331 PROCESSOR MODEL GROUP 2 CHANNEL LOAD SUMMARY WORKSHEET
29	SX33-6001-1	DISK OPERATING SYSTEM/360 REFERENCE CARD P/I OPTIMIZING COMPILER KEYWORDS
29	SX33-6002-2	OS PL/I CHECKOUT AND OPTIMIZING COMPILERS: KEYWORDS REFERENCE SUMMARY, PROG. NOS. 5734-PL1, -PL2, -PL3
89	GX33-6004-1	IBM SYSTEM/370 MODELS 135 AND 138 BYTE-MULTIPLEXER CHANNEL LOAD SUM WORKSHEET
29	SX33-6005-1	OS PL/I CHECKOUT AND OPTIMIZING COMPILERS: TERMINAL COMMANDS AND COMPILER OPTIONS REFERENCE SUMMARY PROG 5734-PL1, -PL2, -PL3
50	SX33-6010-3	CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, 5740-XX1, DEBUGGING REFERENCE SUMMARY (CURRENT RELEASE)
50	SX33-6011-3	CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VS), LIC PROG 5746-XX3, 5740-XX1, MASTER TERMINAL OPERATOR'S REFERENCE SUMMARY (CURRENT RELEASE)
50	GX33-6012-3	CICS/VS, LIC PROG 5746-XX3, 5740-XX1, APPLICATION PROGRAMS REFERENCE SUMMARY AND COMMAND LANGUAGE (CURRENT RELEASE)
89	**GX33-6016-1	8775 DISPLAY TERMINAL PROBLEM REPORT FORM
89	GX33-6024-0	7436 PRINTER TROUBLE REPORT FORM
33	**SX33-8001-1	OS/VS SORT/MERGE, LIC PROG 5740-SM1, REFERENCE SUMMARY
33	GX33-8002-0	DOS/VS SORT/MERGE V2, LIC PROG 5746-SM2, REFERENCE SUMMARY (CURRENT RELEASE)
89	GX33-8500-1	RECORD LAYOUT
36	GX33-9004-5	DOS/VS POWER/VS REFERENCE SUMMARY
39	**GX33-9006-2	VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1, REFERENCE SUMMARY
20	**GX33-9007-0	VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, REFERENCE SUMMARY
08	GX34-0022-0	3715 OPERATOR'S REFERENCE SUMMARY
10	GX34-0041-1	5230 DATA COLLECTION SYSTEM 5231 MODEL 1 CONSOLE GUIDE
09	GX34-0042-2	IBM 5230 DATA COLLECTION SYSTEM 5231 MODEL 2 CONSOLE GUIDE

10	GX34-0043-1			5230 DATA COLLECTION SYSTEM 5231 MODEL 3 CONSOLE GUIDE
03	**GX35-5014-0			3800 PRINTING SUBSYSTEM AND TAPE-TO-PRINTING SUBSYSTEM FEATURE REFERENCE SUMMARY
50	LYA2-5213-3	LJD3-3200	**LJD3-3201	DL/I-ENTRY, LIC PROG 5746-XX7, LISTINGS
36	**LYA2-5216-1			VSE/POWER LIC PROG 5746-XE3 ASSEMBLY LISTINGS (CURRENT RELEASE)
36	**LYA2-5217-1			VSE/POWER LIC PROG 5746-XE3 RJE FEATURE ASSEMBLY LISTINGS (CURRENT RELEASE)
36	**LYA2-5218-0			VSE/POWER LIC PROG 5746-XE3 SHARED SPOCLING FEATURE ASSEMBLY LISTINGS
38	LYA2-5219-0			JOB ENTRY PROGRAM (JEP) 5746-XE6 (G49), LISTINGS
38	LYA2-5220-0			FILE TRANSFER PROGRAM (FTP) 5748-XE6 (G50), LISTINGS
38	LYA2-5221-0			FILE TRANSFER PROGRAM (FTP) 5748-XE6 (A10), LISTINGS
50	LYA4-3001-6			CICS DOS/VSE, PROG PROD 5746-XX3 V1 R3.0, ASSEMBLER LISTINGS
50	LYA4-3002-8			CICS OS/VSE V1 R3.0 PROG PROD 5740-XX1, LISTINGS
50	LYA4-3003-4			CICS DOS/VSE PROG 5746-XX3 VER 1 REI 4.0 LISTINGS
50	**LYA4-3004-4			CICS-OS/VSE, 5740-XX1 V1 LISTINGS (CURRENT RELEASE)
50	LYA4-3005-2			CUSTOMER INFORMATION CONTROL SYSTEM - DISK OPERATING SYSTEM/VIRTUAL STORAGE (CICS DOS/VSE), LIC PROG 5746-XX3, LISTINGS (CURRENT RELEASE)
50	**LYA4-3006-2			CICS-OS/VSE, 5740-XX1 V1 LISTINGS (CURRENT RELEASE)
50	LYA4-3007-0	**LYA4-3201		CUSTOMER INFORMATION CONTROL SYSTEM - DISK OPERATING SYSTEM/VIRTUAL STORAGE (CICS DOS/VSE), LIC PROG 5746-XX3 LISTINGS (CURRENT RELEASE)
50	**LYA4-3008-0			CICS/OS/VSE LISTINGS
50	**LYA4-3200-0			CICS DOS/VSE
50	**LYA4-3201-0			CICS/DOS/VSE, LIC PROG 5746-XX3, LISTINGS
50	LYA9-6142-0			ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE/VM, LIC PROG 5748-XXX FOR VM/CMS, LISTINGS
22	LYB0-0626-1			APL/360 - DOS ASSEMBLY LISTINGS, PROGRAM NUMBER 5736-XM6, FEATURE CODE 8065, FE SERVICE NUMBER 200157
50	LYB0-0631-6			INFORMATION MANAGEMENT SYSTEM (IMS/360) VSEs. 2 DATA BASE LISTINGS, VOL. 3, PROG. PROD. 5734-XX6
50	LYB0-0632-6			INFORMATION MANAGEMENT SYSTEM/360, VERSION 2, VOLUME 4, DATA COMMUNICATION LISTINGS, MICROFICHE PROG. PROD. 5734-XX6, FEATURE CODE 8083
50	LYB0-0724-2			CUSTOMER INFORMATION CONTROL SYSTEM/DOS - ENTRY (CICS/DOS-ENTRY) LISTINGS, PROG. PROD. 5736-XX6
50	LYB0-0735-2			CUSTOMER INFORMATION CONTROL SYSTEM/DCS STANDARD (CICS/DOS-STANDARD) LISTINGS, PROG. PROD. 5736-XX7
50	LYB0-0834-2			INTERACTIVE QUERY FEATURE (IQF) TO IMS/360: MICROFICHE LISTINGS - PROGRAM NUMBER 5734-XX6
50	LYB0-0839-2	LJD3-3100	LNA2-5034	DL/I DOS/VSE, LIC PROG 5746-XX1, LISTINGS
		LNA2-5091	LNA2-5095	
		LNA2-5100	LNA2-5107	
		LNA2-5111	LNB0-9491	
		LYA2-5205	LYA2-5215	
99	GYB0-0854-9			ASYMMETRIC MULTIPROCESSING SYSTEM FOR 360, 370 (ASP) PROGRAM LISTING MICROFICHE, PROG NO 360A-CX-15X
99	GYB0-0856-0			S/370 HASP II VERSION 4 MICROFICHE - PROGRAM NUMBER 370B-TX-001
50	LYB0-0864-1			GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) BASIC RETRIEVAL SYSTEM MICROFICHE - PROGRAM NUMBER 5734-XX1
50	LYB0-0865-0			GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) ARITHMETIC STATEMENT FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1
50	LYB0-0866-1			GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) TELEPROCESSING SUPPORT FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1
50	LYB0-0867-1			GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) CONTROL STATEMENT FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1
50	LYB0-0868-0			GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) PROCESSING STATEMENT FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1
50	LYB0-0869-1			GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) FORMAL REPORT FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1
50	LYB0-0870-1			GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) HIERARCHICAL FILE SUPPORT FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1
50	LYB0-0871-1			GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) UPDATE AND CREATE FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1
50	LYB0-0872-1			GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) UTILITY FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1
50	LYB0-0873-1			GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) EDIT AND ENCODE FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1
50	LYB0-0874-1			GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) FILE MODIFY FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1
50	LYB0-0875-1			GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) DATA LANGUAGE/I QUERY SUPPORT FEATURE, 5734-XX1, LISTINGS
50	LYB0-0876-0			GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) EXTENDED MULTI-FILE SUPPORT FEATURE MICROFICHE - PROGRAM NUMBER 5734-XX1
99	SYB0-0900-10	**SNB5-0535	**SNB5-0538	IBM VM/370: CP MICROFICHE - PROGRAM NUMBER 5749-010
		**SNB5-0545		
99	SYB0-0901-10	**SNB5-0536	**SNB5-0540	IBM VM/370: CMS MICROFICHE - PROGRAM NUMBER 5749-010
		**SNB5-0547		
22	LYB0-2010-1			A PROGRAMMING LANGUAGE SHARED VARIABLE LISTINGS (APLSV PRPQ WE1191) (PROGRAM NO. 5799-AJF)
50	LYB0-2046-0	LNB0-3369		FASTER LANGUAGE FACILITY VERSION 1.0 (FLF/CICS/VSE): LISTINGS PROG. NOS. 5740-XX1 (OS), 5746-XX3 (DOS)
50	LYB0-2218-3			EXTM, PROG PROD 5746-XX3
50	LYB0-2221-0			TELECOMMUNICATIONS ACCESS METHOD, IMS/VSE INTERFACE (TCAM) PROG PROD 5740-XXC
50	LYB0-2257-3			TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED FUNCTIONS (TCS-AF), LIC PROG 5740-XXD
99	LYB0-2293-3			VM/370 RESOURCE MANAGEMENT SOURCE LISTINGS, PROG 5799-ARQ
30	LYB0-2346-0			VM/370 NETWORKING SOURCE LISTINGS, PROG 5799-ATA
50	LYB0-2385-2			TCS-ACF - SOURCE LISTINGS
50	LYB0-2449-2			TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATION FUNCTION (TCS-ACF), LIC PROG 5740-XY3, NETWORKING VERSION 2 SOURCE LISTINGS

50	LYB0-2450-2			TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATION FUNCTION (TCS-ACP), LIC PROG 5740-XX3, BASE V2 SOURCE LISTING (MICROFICHE)
50	LYB0-2472-0	LNB0-4002 LNB0-4030 LNB0-4051 **LNB0-4079	LNB0-4006 LNB0-4045 **LNB0-4066	DMS/CICS/VS - DOS, LIC PROG 5746-XC4, SOURCE LISTINGS (CURRENT RELEASE)
50	LYB0-2473-0	LNB0-4003 LNB0-4031 **LNB0-4052 **LNB0-4080	LNB0-4007 LNB0-4046 **LNB0-4067	DMS/CICS/VS DOS APPLICATION GENERATION FEATURE, LIC PROG 5746-XC4 LISTINGS (CURRENT RELEASE)
50	LYB0-2474-0	LNB0-4004 LNB0-4032 **LNB0-4053 **LNB0-4081	LNB0-4008 LNB0-4048 **LNB0-4068	DMS/CICS/VS OS APPLICATION GENERATION FEATURE, LIC PROG 5740-XC5, LISTINGS
50	LYB0-2475-0	LNB0-4001 LNB0-4033 **LNB0-4054 **LNB0-4082	LNB0-4009 LNB0-4047 **LNB0-4069	DMS/CICS/VS OS, LIC PROG 5740-XC5, LISTINGS
39	**LYB0-2477-3			INTERACTIVE PRODUCT FACILITY SOURCE LOGIC LISTINGS
39	**LYB0-2478-2			INTERACTIVE PRODUCT FACILITY SOURCE LOGIC LISTINGS
39	**LYB0-2481-1			SYSTEM PRODUCTIVITY FACILITY (SPP) MVS/TSO, LIC PROG 5668-009 LISTINGS (CURRENT RELEASE)
99	**LYB0-2482-1			SUPPORT AND STRUCTURED PROGRAMMING FACILITY CONVERSATIONAL MONITOR SYSTEM LIC PROG 5748-XT3 LISTINGS (CURRENT RELEASE)
39	**LYB0-2485-3			INTERACTIVE PRODUCTIVITY FACILITY (DOS/VSE FEATURE) - PIM/PANELS, LIC PROG 5748-MS1
39	**LYB0-2486-2			INTERACTIVE PRODUCTIVITY FACILITY (DOS/VSE FEATURE), SOURCE LISTINGS
39	**LYB0-2487-2			INTERACTIVE PRODUCTIVITY FACILITY (VM/DOS/VSE FEATURE) - PIM/PANELS, LIC PROG 5748-MS1
39	LYB0-2488-1			INTERACTIVE PRODUCTIVITY FACILITY (VM/DOS/VSE FEATURE) SOURCE LISTINGS, LIC PROG 5748-MS1
30	LYB0-2492-0			JES3 NETWORKING RELEASE 1, MODIFICATION LEVEL 0, LISTINGS
50	**LYB0-2516-0			DMS/CICS/VS, LIC PROG 5740-XC5, OS/BASE
50	**LYB0-2517-0			DMS/CICS/VS, LIC PROG 5740-XC5, OS/FEATURE
50	**LYB0-2518-0			DMS/CICS/VS, LIC PROG 5746-XC4, DOS/BASE, LISTINGS
50	**LYB0-2519-0			DMS/CICS/VS, LIC PROG 5746-XC4, DOS/FEATURE, LISTINGS
99	**SYB0-2540-2			VSE SYSTEM IPO/E & SYSTEM IPO VSE SUPERVISOR ASSEMBLY LISTINGS
50	**LYB0-8016-11			IMS/VS V1 SYSTEM LISTINGS PROG PROD 5740-XX2
50	**LYB0-8017-11			IMS/VS V1 DATA COMMUNICATION FEATURE LISTINGS PROG PROD 5740-XX2
50	LYB0-8018-6			IMS/VS V1 INTERACTIVE QUERY FACILITY LISTINGS, PROG 5740-XX2
50	LYB0-8023-1			GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) LISTINGS FOR BASIC QUERY FEATURE PROG. PROD. 5740-XX7
50	LYB0-8024-1			GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) LISTINGS FOR ADVANCED QUERY FEATURE PROG. PROD. 5740-XX7
50	LYB0-8025-1			GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) LISTINGS FOR MODIFY FEATURE PROG. PROD. 5740-XX7
50	LYB0-8026-1			GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) LISTINGS FOR THE UPDATE/CREATE FEATURE PROG. NO. 5740-XX7
50	**LYB0-8038-7			IMS/VS V1 MSC LISTINGS, LIC PROG 5740-XX2
22	LYB0-8040-4	LNB6-9915		VS APL PROGRAM LISTINGS, PROG PROD 5748-AP1
22	LYB0-8042-0			APL SHARED VARIABLES (APLSV) VERSION 3, LISTINGS, PROG 5799-AQC
97	**LYB0-8043-1	LNB6-9969	**LNB8-4802	VS PERSONAL COMPUTING OS/VS1, LISTINGS, PROG PROD 5740-XR5
25	LYB0-8044-0	LNB6-9903	LNB6-9916	VSPC FORTRAN, LIC PROG 5748-FO2, PROGRAM LISTINGS
39	LYB0-8045-1	LNB6-9966	LNB6-9968	VS PERSONAL COMPUTING OS/VS2 PROG 5740-XR6
39	LYB0-8046-0	**LNB8-4801 LNB6-9961	LNB6-9967	DOS/VS VS PERSONAL COMPUTING (VSPC) PROG PROD 5746-XR3, ICR LISTINGS
39	LYB0-8048-0			DOS/VS VSPC CROSS REFERENCE AND DATA AREAS PROG PROD 5746-XR3
39	LYB0-8056-0			VS TSO 5740-XR9
30	LYB0-8061-0			OS/VS2 MVS SEQUENTIAL ACCESS METHOD-EXTENDED (SAM-E): DATA AREAS MICROFICHE LISTINGS
30	LYB0-8062-0			OS/VS2 MVS SEQUENTIAL ACCESS METHOD-EXTENDED (SAM-E): SYMBOLIC NAME CROSS REFERENCE TABLE
99	SYB0-8090-2			OS/VS2 RELEASE 3 INDEPENDENT COMPONENT: JES3 ASSEMBLY LISTINGS AND CROSS REFERENCE TABLE 5752-SC1-BA
30	GYB1-0012-0			OS BSAM LOGIC FOR 1419/1275 (MICROFICHE)
30	GYB1-0013-0			OS DATA MANAGEMENT MACRO LOGIC FOR 1285/1287/1288 (MICROFICHE)
28	LYB1-0450-8	LJD3-3801 LJD3-3804 LJD3-3806 LJD3-3809 **LJD3-3812	LJD3-3802 LJD3-3805 LJD3-3808 LJD3-3810	S/360 DOS RPG II COMPILER, LISTINGS, PROG. PRCD. 5736-RG1
36	SYB4-5155-2			OS/VS1 SUPERVISOR LOGIC (MICROFICHE EDITION)
30	**SYB4-5156-2			OS/VS1 I/O SUPERVISOR LOGIC (MICROFICHE EDITION)
36	SYB4-5159-0			OS/VS1 CHECK POINT/RESTART LOGIC (MICROFICHE EDITION)
36	SYB4-5160-2			OS/VS1 IPL AND NIP LOGIC (MICROFICHE EDITION)
30	SYB4-5162-0			OS/VS 3886 OPTICAL CHARACTER READER MODEL 1 LOGIC (MICROFICHE)
30	SYB4-5163-0			OS/VS 3890 DOCUMENT PROCESSOR LOGIC (MICROFICHE EDITION)
30	SYB4-5166-1			OS/VS1 LOGIC FOR IBM 3540 (MICROFICHE EDITION)
36	SYB4-5168-2			OS/VS1 JOB MANAGEMENT LOGIC VOL 1 (MICROFICHE EDITION)
36	**SYB4-5169-2			OS/VS1 JOB MANAGEMENT LOGIC VOL 2 (MICROFICHE EDITION)
37	SYB4-5170-0			OS/VS1 RMS LOGIC MICROFICHE
50	LYB4-6101-4	LJD3-3106 **LJD3-3110 **LJD3-3112 **LJD3-3114	LJD3-3107 **LJD3-3111 **LJD3-3113	DL/I DOS/VS VERSION 1.5 5746-XX1
30	LYB4-6102-1			VSE/VSAM LIC PROG 5746-AM2 SOURCE LISTINGS (CURRENT RELEASE)
50	LYB4-6103-2			VSE/VSAM HLPI, LIC PROG 5746-XX1-80 (CURRENT RELEASE)
30	LYB4-6104-0			VSE/VSAM SPACE MANAGEMENT SAM FEATURE, IIC PROG 5746-AM2, LISTINGS
31	SYB6-3814-0			OS/VS LOADER LOGIC (MICROFICHE EDITION)
31	**SYB6-3815-2			OS/VS LINKAGE EDITOR LOGIC (MICROFICHE EDITION)

30	SYB6-3836-0			OS/VS1 BDAM LOGIC (MICROFICHE EDITION)
30	SYB6-3837-1			OS/VS1 DADSM LOGIC (MICROFICHE EDITION)
30	SYB6-3838-0			OS/VS1 ISAM LOGIC (MICROFICHE EDITION)
30	SYB6-3839-2			OS/VS1 OPEN/CLOSE/EOV LOGIC (MICROFICHE EDITION)
30	SYB6-3840-2			OS/VS1 SAM LOGIC (MICROFICHE EDITION)
30	SYB6-3841-2			OS/VS1 VIRTUAL STORAGE ACCESS METHOD (VSAM) LOGIC (MICROFICHE EDITION)
30	SYB6-3848-0			OS/VS2 ICR: CATALOG MANAGEMENT CROSS REFERENCE OS/VS2 ENHANCED VSAM ICR
30	SYB6-3849-0			OS/VS2 ICR: VSAM CROSS REFERENCE OS/VS2 ENHANCED VSAM ICR
32	SYB6-3851-1			OS/VS AP-1 PLM FICHE
30	SYB7-7240-1			OS/VS GRAPHICS ACCESS METHOD LOGIC (MICROFICHE EDITION)
30	SYB7-7241-1			OS/VS GRAPHICS PROBLEM-ORIENTED ROUTINES LOGIC (MICROFICHE)
30	**SYB7-7242-2			OS/VS GRAPHIC SUBROUTINE PACKAGE (GSP) FOR FORTRAN IV, COBOL AND PL/I LOGIC (MICROFICHE EDITION)
30	SYB7-7246-2			OS/VS BTAM LOGIC (MICROFICHE EDITION)
30	SYB7-7256-2			INTRODUCTION TO VTAM LOGIC (MICROFICHE EDITION)
30	SYB7-7257-2			OS/VS1 VTAM LOGIC (MICROFICHE EDITION)
30	SYB7-7266-2			OS/VS1 VTAM DATA AREAS (MICROFICHE EDITION)
30	SYB7-7271-0			OS/VS1 VTAM EXECUTION SEQUENCES (MICROFICHE EDITION)
36	**SYB8-0605-2			OS/VS1 SYSTEM DATA AREAS (MICROFICHE EDITION)
36	SYB8-0606-5	SNB8-4705	SNB8-4716	OS/VS2 DATA AREAS
	SDB3-0021	SNB8-2964	SNB8-4716	
	SDB3-0100			
	SDB3-0133			
	SDB3-0160			
	SYB8-0838	SNB8-4709	SNB8-4716	
37	SYB8-0635-2			OS/VS1 SERVICE AIDS LOGIC (MICROFICHE EDITION)
38	SYB8-0660-0			OS/VS1 RES ACCOUNT FACILITY LOGIC (MICROFICHE EDITION)
37	SYB8-0662-2			OS/VS1 OLTEP LOGIC (MICROFICHE EDITION)
37	SYB8-0664-1			DOS/VS AND OS/VS TOLTEP LOGIC (MICROFICHE EDITION)
37	**SYB8-0669-2			OS/VS1 SYS1.LOGREC ERROR RECORDING LOGIC (MICROFICHE EDITION)
37	SYB8-0672-0			OS/VS1 DYNAMIC SUPPORT SYSTEM LOGIC (MICROFICHE EDITION)
37	SYB8-0685-2			OS/VS SYSTEM MODIFICATION PROGRAM (SMP) LOGIC (MICROFICHE)
36	SYB8-0742-2			OS/VS2 MVS DATA AREA USAGE TABLE
	SDB3-0024	SNB8-2948		
	SDB3-0083			
	SDB3-0085			
	SDB3-0135			
	SDB3-0163			
	SYB8-0946			
36	SYB8-0743-2	SNB8-4706	SNB8-4718	OS/VS2 (MVS) DIRECTORY
	SDB3-0022			
	SDB3-0134			
	SDB3-0161			
	SYB8-0945	SNB8-4710	SNB8-4718	
36	SYB8-0744-2	SNB8-2949		OS/VS2 MVS SYMBOL USAGE TABLE
	SDB3-0023			
	SDB3-0084			
	SDB3-0086			
	SDB3-0136			
	SDB3-0162			
	SYB8-0947			
39	LYB8-0768-0			OS/VS2 MVS TSO COMMAND PACKAGE DATA AREAS PROG 5740-XT6
39	LYB8-0769-0			OS/VS2 MVS TSO COMMAND PACKAGE DIRECTORY PROG 5740-XT6
30	LYB8-0770-2			OS/VS2 MVS RESOURCE ACCESS CONTROL FACILITY (RACF) DATA AREAS
30	LYB8-0771-2	**LNB8-4756		OS/VS2 MVS RESOURCE ACCESS CONTROL FACILITY (RACF) DIRECTORY
36	LYB8-0838-1	LNB8-4709	LNB9-0039	SUPPLEMENT FOR NJE JES2 REL 2 TO MVS DATA AREAS, 5740-XR8
30	LYB8-0888-1			OS/VS2 MVS RACF DATA AREA USAGE TABLE, PROG PROD 5740-XXH
30	LYB8-0889-1			OS/VS2 MVS RACF SYMBOL USAGE TABLE, PROG PROD 5740-XXH
34	**LYB8-0907-2			OS/VS2 MVS RESOURCE MEASUREMENT FACILITY (RMF) VERSION 2
				RELEASE 4, LIC PROG 5740-XY4, DIRECTORY LISTINGS
34	**LYB8-0908-2			OS/VS2 MVS RESOURCE MEASUREMENT FACILITY (RMF) VERSION 2
				RELEASE 4, LIC PROG 5740-XY4, DATA AREAS LISTINGS
34	**LYB8-0909-2			OS/VS2 MVS RESOURCE MANAGEMENT FACILITY (RMF), LIC PROG
				5740-XY4, DATA AREA USAGE TABLE, LISTINGS (CURRENT RELEASE)
34	**LYB8-0910-2			OS/VS2 MVS RESOURCE MANAGEMENT FACILITY (RMF), LIC PROG
				5740-XY4, SYMBOL USAGE TABLE, LISTINGS (CURRENT RELEASE)
39	LYB8-0915-1			OS/VS2 MVS TSO 3270 EXTENDED DISPLAY FACILITY SESSION MANAGER:
				DATA AREAS, PROG PROD 5740-XE2
39	LYB8-0916-1			OS/VS2 MVS TSO 3270 EXTENDED DISPLAY FACILITY SESSION MANAGER:
				SYMBOL USAGE TABLE, PROG PROD 5740-XE2
39	LYB8-0917-1			OS/VS2 MVS TSO 3270 EXTENDED DISPLAY FACILITY SESSION MANAGER:
				DIRECTORY, PROG PROD 5740-XE2
39	LYB8-0918-1			OS/VS2 MVS TSO 3270 EXTENDED DISPLAY FACILITY SESSION MANAGER:
				DATA AREA USAGE TABLE, PROG PROD 5740-XE2
36	LYB8-0945-0	LNB8-4710		NETWORK JOB ENTRY FACILITY FOR JES 2 RELEASE 3, LIC PROG
				5740-XR8, DIRECTORY
36	LYB8-0946-0			NETWORK JOB ENTRY FACILITY FOR JES 2 RELEASE 3, LIC PROG
				5740-XR8, DATA AREA USAGE TABLE
36	LYB8-0947-0			NETWORK JOB ENTRY FACILITY FOR JES 2 RELEASE 3, LIC PROG
				5740-XR8, SYMBOL USAGE TABLE
30	LYB8-0959-0			OS/VS2 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY, LIC PROG
				5740-XY5, DATA AREAS
30	LYB8-0960-0			OS/VS2 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY, LIC PROG
				5740-XY5, DIRECTORY
30	LYB8-0961-0			OS/VS2 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY, LIC PROG
				5740-XY5, SYMBOL USAGE TABLE
30	LYB8-0962-0			OS/VS2 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY DATA AREA USAGE
				TABLE
30	LYB8-1019-0			OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT DATA AREAS
30	LYB8-1020-1			OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT DIRECTORY
30	LYB8-1021-0			OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT, LIC PROG 5740-XY6,
				SYMBOL USAGE TABLE
30	LYB8-1022-0			OS/VS2 MVS CRYPTOGRAPHIC UNIT SUPPORT, LIC PROG 5740-XY6, DATA

		AREA USAGE TABLE	
36	SYB8-1023-0		OS/V52 SVS RELEASE 1.7 DATA AREAS, MICROFICHE LISTINGS
36	**LYB8-1034-0	**LNB8-4777	OS/V52 MVS/SYSTEM PRODUCT - JES3 RELEASE 1 DATA AREAS LISTINGS
36	**LYB8-1035-0	**LNB8-4778	OS/V52 MVS/SYSTEM PRODUCT JES3 RELEASE 1, LIC PROG 5740-XYN, DIRECTORY LISTINGS
36	**LYB8-1036-0	**LNB8-4779	OS/V52 MVS/SYSTEM PRODUCT JES3 RELEASE 1 SYMBOL USAGE TABLE, LIC PROG 5740-XYN, LISTINGS
36	**LYB8-1037-0	**LNB8-4780	OS/V52 MVS/SYSTEM PRODUCT JES3 RELEASE 1 DATA AREA USAGE TABLE, LIC PROG 5740-XYN, LISTINGS
36	**LYB8-1038-0	**LNB8-4781	OS/V52 MVS/SYSTEM PRODUCT - JES2 REL 1 DATA AREAS
36	**LYB8-1039-0	**LNB8-4782	OS/V52 MVS/SYSTEM PRODUCT JES2 RELEASE 1, LIC PROG 5740-XYS DIRECTORY LISTINGS
36	**LYB8-1040-0	**LNB8-4783	OS/V52 MVS/SYSTEM PRODUCT JES2 RELEASE 1 SYMBOL USAGE TABLE, LIC PROG 5740-XYS, LISTINGS
36	**LYB8-1041-0	**LNB8-4784	OS/V52 MVS/SYSTEM PRODUCT JES2 RELEASE 1 DATA AREA USAGE TABLE, LIC PROG 5740-XYS, LISTINGS
36	**LYB8-1051-0		OS/V52 MVS/SYSTEM PRODUCT JES2 RELEASE 2 DATA AREAS, LIC PROG 5740-XYS, LISTINGS
36	**LYB8-1052-0		OS/V52 MVS/SYSTEM PRODUCT-JES2 RELEASE 2, LIC PROG 5740-XYS, DATA AREA USAGE TABLE
36	**LYB8-1053-0		OS/V52 MVS/SYSTEM PRODUCT-JES2, LIC PROG 5740-XYS, RELEASE 2 DIRECTORY, LISTINGS
36	**LYB8-1054-0		OS/V52 MVS/SYSTEM PRODUCT-JES2 RELEASE 2, LIC PROG 5740-XYS, SYMBOL USAGE TABLE
36	**LYB8-1055-0		OS/V52 MVS/SYSTEM PRODUCT JES3 RELEASE 2 DATA AREAS, LIC PROG 5740-XYN, LISTINGS
36	**LYB8-1056-0		OS/V52 MVS/SYSTEM PRODUCT-JES3 RELEASE 2, LIC PROG 5740-XYN, DATA AREA USAGE TABLE
36	**LYB8-1057-0		OS/V52 MVS/SYSTEM PRODUCT JES3 RELEASE 2 DIRECTORY, LIC PROG 5740-XYN, LISTINGS
36	**LYB8-1058-0		OS/V52 MVS/SYSTEM PRODUCT-JES3 RELEASE 2, LIC PROG 5740-XYN, SYMBOL USAGE TABLE
30	SYB8-6849-2		OS/V51 RES RTAM & WORKSTATION SUPPORT LOGIC (MICROFICHE)
38	GYC0-2011-0		OS/MFT, OS/MVT, AND OS/V51: CRJE LOGIC - PRG 360-RC-551 & SCP COMPONENT 5741-SC1-08 (MICROFICHE EDITION)
30	SYCO-2069-1		OS/V51 TCAM LOGIC (MICROFICHE EDITION)
99	SYCO-9000-5	SNB5-0450	IBM VM/370 RSCS LISTINGS, PROGRAM NO. 5749-010
		SNB5-0479	
		SNB5-0509	
		**SNB5-0548	
99	SYCO-9001-4	SNB5-0449	VM/370 IPCS MICROFICHE
		SNB5-0464	
		SNB5-0496	
		**SNB5-0549	
99	SYCO-9002-2	**SNB5-0528	VM/370 AP LIST PLC 4 R4
		**SNB5-0546	
99	LYCO-9003-0	LNB5-0366	VM/370 SEPP LIST
		LNB5-0385	
		LNB5-0409	
		LNB5-0423	
		LNB5-0436	
		LNB5-0470	
99	LYCO-9004-0	LNB5-0371	VM/370 BSEPP LISTINGS, LIC PROG 5748-XX8
		LNB5-0401	
		LNB5-0418	
		LNB5-0431	
		LNB5-0445	
99	LYCO-9005-0	**LNB5-0537	BSEPP REL 2.0 VM/370 BASIC SYSTEM EXTENSIONS, LIC PROG 5748-XX8, MICROFICHE LISTINGS
		**LNB5-0551	
99	**LYCO-9006-1		RSCS NETWORKING RELEASE 2, LIC PROG 5748-XP1, LISTINGS
34	LYCO-9007-0	**LNB5-0544	VM LISTING PLC 00
99	LYCO-9008-0		DMS/CMS, LIC PROG 5748-XXB, MICROFICHE LISTINGS
99	LYCO-9009-0	**LNB5-0543	VM/INTERACTIVE FILE SHARING VM/IFS, LIC PROG 5748-XXC, MICROFICHE LISTINGS
99	LYCO-9010-0	**LNB5-0541	VM/370 LISTINGS RELEASE 2 LOGIC
99	**LYCO-9012-0	**LNB5-0530	VM/SYSTEM PRODUCT PP (CP) 5664-167, LISTINGS
99	**LYCO-9013-0	**LNB5-0531	VM/SYSTEM PRODUCT PP (CP-AP AND ME) 5664-167, LISTINGS
99	**LYCO-9014-0	**LNB5-0532	VM/SYSTEM PRODUCT PP (CMS) 5664-167, LISTINGS
99	**SYCO-9017-0	**SNB5-0533	VM/370 SCP (CP-UP/AP) 5749-010 LISTINGS
99	**SYCO-9018-0	**SNB5-0534	VM/370 SCP (CMS) 5749-010, LISTINGS
99	**SYCO-9019-1		VM/SP INDEX
21	SYC3-8041-1		OS/V5 AND VM/370 ASSEMBLER LOGIC (MICROFICHE EDITION)
30	SYC5-0003-0		OS/V51 CATALOG MANAGEMENT LOGIC (MICROFICHE EDITION)
32	SYC5-0005-2		OS/V5 UTILITIES LOGIC (MICROFICHE EDITION)
30	SYC5-0008-1		OS/V51 ACCESS METHOD SERVICES LOGIC (MICROFICHE EDITION)
30	**SYC5-0012-3		OS/V51 MSSC LOGIC (MICROFICHE EDITION)
30	SYC5-0014-1		OS/V5 MSC TRACE REPORTS LOGIC (MICROFICHE EDITION)
30	SYC5-0015-2		OS/V5 MASS STORAGE SYSTEM SERVICES LOGIC (MICROFICHE)
30	SYC5-0016-2		OS/V5 MSC TABLE CREATE LOGIC (MICROFICHE EDITION)
99	SYC7-0450-1		DOS/V5 ANALYSIS PROGRAM 1, LISTINGS - SCP COMPONENT 5745-SC-APC
99	SYC7-0451-1		DOS/V5 MAINTAIN SYSTEM HISTORY LISTING
99	SYC7-0452-0		DOS/V5 OLTEP (CARDLESS) INDEPENDENT COMPONENT RELEASE 33.0
34	LYC7-0453-0		ADVANCED FUNCTIONS - DOS/V5 ATTENTION ROUTINES 5746-E2-AIT
34	LYC7-0454-0		ADVANCED FUNCTIONS - DOS/V5 DISPLAY OPERATOR CONSOLE 5746-E2-DOC
34	LYC7-0455-0		ADVANCED FUNCTIONS - DOS/V5 IPL AND BUFFER LOAD, 5746-E2-IPL
34	LYC7-0456-0		ADVANCED FUNCTIONS - DOS/V5 JOB CONTROL, 5746-E2-JCL
34	LYC7-0457-0		ADVANCED FUNCTIONS DOS/V5 LIBRARIAN 5746-E2-LBR MICROFICHE
34	LYC7-0458-0		ADVANCED FUNCTIONS DOS/V5 LINKAGE EDITOR 5746-E2-LNK MICROFICHE
34	LYC7-0459-0		ADVANCED FUNCTIONS DOS/V5 PDAIDS 5746-E2-PDA MICROFICHE
34	LYC7-0460-0		ADVANCED FUNCTIONS - DOS/V5 SUPERVISOR 5746-E2-SUP
32	LYC7-0461-0		VSE/S/3-3340 DATA IMPORT, LIC PROG 5746-AM3, LISTINGS
35	LYC7-0462-0		1401/1440/1460 EMULATOR 5745-SC-EML (G09) MICROFICHE LISTINGS
36	LYC7-0463-0		VSE/ADVANCED FUNCTIONS REL 1.0 MICROFICHE LISTINGS
39	LYC7-0464-1	LNC7-0468	DOS/VSE INTERACTIVE COMPUTING AND CONTROL FACILITY LIC PROG

30	LYC7-0465-0			5746-TS1, MICROFICHE LISTINGS VSE/ACCESS CONTROL - LOGGING & REPORTING LIC PROG 5746-XE7, LISTINGS (CURRENT RELEASE)
99	SYC7-0466-0			DOS/VS 3031 PROCESSOR ICR 5745-010 MICROFICHE LISTINGS
34	LYC7-0467-0			DOS/VS 3031 PROCESSOR ICR 5746-XE2 MICROFICHE LISTINGS
39	**LYC7-0468-1			VSE/ICCF REL 2, LIC PROG 5746-TS1 (G73), LISTINGS (CURRENT RELEASE)
32	LYC7-0469-0			VSE/AF FAST COPY DATA SET PROGRAM, LIC PROG 5746-AM4, LISTINGS (CURRENT RELEASE)
30	LYC7-0470-0			VSE VSAM BACKUP RESTORE
40	**LYC7-0471-0			VSE OPER COMMUNICATION CONTROL FACILITY
33	LYC7-0903-4	LNC7-2733		DOS/VS SORT/MERGE 1.3 LISTING, PROG PROD 5746-SM1
33	**LYC7-0904-6			OS/VS SORT/MERGE 3-1 LISTINGS, LIC PROG 5740-SM1
33	**LYC7-0905-3			DOS SORT/MERGE V2 LIC PROG 5746-SM2 LISTINGS (CURRENT RELEASE)
99	SYC7-1117-0			SYSTEM/370 OS MULTIFONT PREPROCESSOR SUPPORT LISTINGS PROGRAM NUMBER 360A-TX-031
99	SYC7-1118-0			SYSTEM/370 OS/VS MULTIFONT PREPROCESSOR SUPPORT LISTINGS PROGRAM NUMBER 5744-AE1
99	SYC7-1119-0			SYSTEM/370 DOS MULTIFONT PREPROCESSOR SUPPORT LISTINGS PROG. NO. 360A-TX-030
28	LYC7-1317-4			DOS RPG II AUTO REPORT FEATURE (6017-6020, 6035-6036) SOURCE LISTINGS, PROG PROD 5736-RG1
99	SYC7-1932-2			DISK OPERATING SYSTEM/VIRTUAL STORAGE ATTENTION ROUTINES LISTINGS - COMPONENT NUMBER 5745-SC-AIT
99	SYC7-1933-3	SNC7-0456		DISK OPERATING SYSTEM/VIRTUAL STORAGE ACCESS METHOD SERVICES PROG PROD 5745-SC-AMS
99	SYC7-1934-3			DOS/VS ASSEMBLER LISTINGS, COMPONENT NO. 5745-SC-ASM
99	SYC7-1935-1			DISK OPERATING SYSTEM/VIRTUAL STORAGE BTAM LISTINGS COMPONENT NUMBER 5745-SC-BTM
99	SYC7-1936-1	SNC7-0457		DISK OPERATING SYSTEM/VIRTUAL STORAGE CHECKPOINT/RESTART LISTINGS - COMPONENT NUMBER 5745-SC-CKR
99	SYC7-1937-2			DISK OPERATING SYSTEM/VIRTUAL STORAGE DIRECT ACCESS METHOD LISTINGS - COMPONENT NUMBER 5745-SC-DAM
99	SYC7-1938-4			DISK OPERATING SYSTEM/VIRTUAL STORAGE DISK ERP LISTINGS COMPONENT NUMBER 5745-SC-DKE
99	SYC7-1939-4			DISK OPERATING SYSTEM/VIRTUAL STORAGE DISPLAY OPERATOR CONSOLE LISTINGS - COMPONENT NUMBER 5745-SC-DOC
99	SYC7-1940-1	SNC7-0458		DISK OPERATING SYSTEM/VIRTUAL STORAGE SEQUENTIAL DISK IOCS LISTINGS - COMPONENT NUMBER 5745-SC-DSK
99	SYC7-1942-2	SNC7-0459		DISK OPERATING SYSTEM/VIRTUAL STORAGE EREP LISTINGS COMPONENT NUMBER 5745-SC-ERP
99	SYC7-1943-2			DISK OPERATING SYSTEM/VIRTUAL STORAGE MODEL 20 EMULATOR LISTINGS - COMPONENT NUMBER 5745-SC-E20
99	SYC7-1944-4			DISK OPERATING SYSTEM/VIRTUAL STORAGE COMPILER I/O MODULES LISTINGS - COMPONENT NUMBER 5745-SC-IOM
99	SYC7-1945-1			DISK OPERATING SYSTEM/VIRTUAL STORAGE IOCS AND DEVICE INDEPENDENCE LISTINGS - COMPONENT NUMBER 5745-SC-IOX
99	SYC7-1946-2			DISK OPERATING SYSTEM/VIRTUAL STORAGE IPI AND BUFFER LOAD LISTINGS - COMPONENT NUMBER 5745-SC-IPI
99	SYC7-1947-1			DISK OPERATING SYSTEM/VIRTUAL STORAGE ISAM LISTINGS COMPONENT NUMBER 5745-SC-ISM
99	SYC7-1948-4	SNC7-0465		DISK OPERATING SYSTEM/VIRTUAL STORAGE JOB CONTROL LISTINGS COMPONENT NUMBER 5745-SC-JCL
99	SYC7-1949-4			DISK OPERATING SYSTEM/VIRTUAL STORAGE LIBRARIAN LISTINGS COMPONENT NUMBER 5745-SC-LBR
99	SYC7-1950-6			DISK OPERATING SYSTEM/VIRTUAL STORAGE LINKAGE EDITOR LISTINGS - COMPONENT NUMBER 5745-SC-LNK
99	SYC7-1951-1			DISK OPERATING SYSTEM/VIRTUAL STORAGE MAGNETIC CHARACTER READER IOCS LISTINGS - COMPONENT NUMBER 5745-SC-MCR
99	SYC7-1952-1			DISK OPERATING SYSTEM/VIRTUAL STORAGE OPTICAL CHARACTER READER IOCS LISTINGS - COMPONENT NUMBER 5745-SC-OCR
99	SYC7-1953-2			DISK OPERATING SYSTEM/VIRTUAL STORAGE OLTEP LISTINGS COMPONENT NUMBER 5745-SC-OLT
99	SYC7-1954-4			DISK OPERATING SYSTEM/VIRTUAL STORAGE PDAIDS LISTINGS COMPONENT NUMBER 5745-SC-PDA
99	SYC7-1955-1			DISK OPERATING SYSTEM/VIRTUAL STORAGE PAPER TAPE IOCS LISTINGS - COMPONENT NUMBER 5745-SC-PTP
99	SYC7-1956-2			DISK OPERATING SYSTEM/VIRTUAL STORAGE POWER LISTINGS COMPONENT NUMBER 5745-SC-PWR
99	SYC7-1957-0	SNC7-1957 SNC7-1991 SNC7-2088	SNC7-1965 SNC7-2016	DISK OPERATING SYSTEM/VIRTUAL STORAGE QTAM LISTINGS COMPONENT NO. 5745-SC-QTM
99	SYC7-1958-4			DISK OPERATING SYSTEM/VIRTUAL STORAGE RMSR LISTINGS COMPONENT NUMBER 5745-SC-RMS
99	SYC7-1959-1	SNC7-0462		DISK OPERATING SYSTEM/VIRTUAL STORAGE SUPERVISOR LISTINGS COMPONENT NUMBER 5745-SC-SUP
99	SYC7-1960-1			DISK OPERATING SYSTEM/VIRTUAL STORAGE MAGNETIC TAPE IOCS LISTINGS - COMPONENT NUMBER 5745-SC-TAP
99	SYC7-1961-1			DISK OPERATING SYSTEM/VIRTUAL STORAGE TAPE ERP LISTINGS COMPONENT NUMBER 5745-SC-TPE
99	SYC7-1962-4	SNC7-0463		DISK OPERATING SYSTEM/VIRTUAL STORAGE SYSTEM UTILITY PROGRAMS LISTINGS - COMPONENT NUMBER 5745-SC-UTL
99	SYC7-1963-6			DISK OPERATING SYSTEM/VIRTUAL STORAGE VSAM LISTINGS COMPONENT NUMBER 5745-SC-VSM
99	SYC7-1964-5			DOS/VS: DOS DISTRIBUTION PROGRAM LISTINGS (5745-SC-DIS)
99	**SYC7-1965-30			DOS/VS & DOS/VSE MASTER INDEX
99	SYC7-1966-2			DISK OPERATING SYSTEM/VIRTUAL STORAGE DISKETTE IOCS 5745-SC-DIO
99	SYC7-1968-4	SNC7-0464		DISK OPERATING SYSTEM/VIRTUAL STORAGE VTAM 5745-SC-VTM
99	SYC7-1969-4			DOS/VS TOLTEP LISTINGS - COMPONENT NO. 5745-SC-TLT
99	SYC7-1972-0			VTAM & 3600 SYSTEM INDEX
99	SYC7-1976-5			DOS/VS POWER/VS RJE, SNA ICR - SCP COMPONENT 5745-SC-PWR
99	SYC7-1980-0			DOS/VSE ATTENTION ROUTINES 5745-SC-AIT (350) MICROFICHE LISTINGS
99	SYC7-1981-0			DOS/VSE ANALYSIS PROGRAM COMPONENT 5745-SC-APC (350) MICROFICHE LISTINGS

99 SYC7-1982-0 DOS/VSE ASSEMBLER 5745-SC-ASM (350) MICROFICHE LISTINGS
 99 SYC7-1983-0 DOS/VSE CHECKPOINT/RESTART 5745-SC-CKR (350) MICROFICHE LISTINGS
 99 SYC7-1984-0 DOS/VSE DIRECT ACCESS METHOD 5745-SC-DAM (350) MICROFICHE LISTINGS
 99 SYC7-1985-0 DOS/VSE DISKETTE IOCS 5745-SC-DIO (350) MICROFICHE LISTINGS
 99 SYC7-1986-0 DOS/VSE DISTRIBUTION PROGRAM 5745-SC-DIS (350) MICROFICHE LISTINGS
 99 SYC7-1987-0 DOS/VSE DISK ERROR RECOVERY PROCEDURES 5745-SC-DKE (350) MICROFICHE LISTINGS
 99 SYC7-1988-0 DOS/VSE DISPLAY OPERATOR CONSOLE 5745-SC-DCC (350) MICROFICHE LISTINGS
 99 SYC7-1989-0 DOS/VSE SEQUENTIAL DISK IOCS 5745-SC-DSK (350) MICROFICHE LISTINGS
 99 SYC7-1990-0 DOS/VSE EREP 1 DOS/VIS INTERFACE 5745-SC-ER1 (350) MICROFICHE LISTINGS
 99 SYC7-1991-0 DOS/VSE COMPILER I/O MODULES 5745-SC-IOM (350) MICROFICHE LISTINGS
 99 SYC7-1992-0 DOS/VSE IOCS AND DEVICE INDEPENDENT I/O 5745-SC-IOX (350) MICROFICHE LISTINGS
 99 SYC7-1993-0 DOS/VSE IPL AND BUFFER LOAD 5745-SC-IPL (350) MICROFICHE LISTINGS
 99 SYC7-1994-0 DOS/VSE ISAM 5745-SC-ISM (350) MICROFICHE LISTINGS
 99 SYC7-1995-0 DOS/VSE JOB CONTROL 5745-SC-JCL (350) MICROFICHE LISTINGS
 99 SYC7-1996-0 DOS/VSE LIBRARIAN 5745-SC-LBR (350) MICROFICHE LISTINGS
 99 SYC7-1997-0 DOS/VSE LINKAGE EDITOR 5745-SC-LNK (350) MICROFICHE LISTINGS
 99 SYC7-1998-0 DOS/VSE MAGNETIC CHARACTER READER IOCS 5745-SC-MCR (350) MICROFICHE LISTINGS
 99 SYC7-1999-0 DOS/VSE OPTICAL CHARACTER READER IOCS 5745-SC-OCR (350) MICROFICHE LISTINGS
 99 SYC7-2000-0 DOS/VSE ONLINE TEST EXECUTIVE 5745-SC-OLT (350) MICROFICHE LISTINGS
 99 SYC7-2001-0 DOS/VSE PROBLEM DETERMINATION AIDS 5745-SC-PDA (350) MICROFICHE LISTINGS
 99 SYC7-2002-0 DOS/VSE PAPER TAPE IOCS 5745-SC-PTP (350) MICROFICHE LISTINGS
 99 SYC7-2003-0 DOS/VSE RECOVERY MANAGEMENT SUPPORT 5745-SC-RMS (350) MICROFICHE LISTINGS
 99 SYC7-2004-0 DOS/VSE SPECIFIC DEVICE SUPPORT 5745-SC-SDS (350) MICROFICHE LISTINGS
 99 SYC7-2005-0 DOS/VSE SUPERVISOR 5745-SC-SUP (350) MICROFICHE LISTINGS
 99 SYC7-2006-0 DOS/VSE MAGNETIC TAPE IOCS 5745-SC-TAP (350) MICROFICHE LISTINGS
 99 SYC7-2007-0 DOS/VSE TAPE ERROR RECOVERY 5745-SC-TPE (350) MICROFICHE LISTINGS
 99 SYC7-2008-0 DOS/VSE SYSTEM UTILITIES 5745-SC-UTL (350) MICROFICHE LISTINGS
 99 SYC7-2009-0 DOS/VSE MAINTAIN SYSTEM HISTORY 5745-SC-UTS (350) MICROFICHE LISTINGS
 36 **LYC7-2010-1 VSE/AF REL. 2.0 ATTENTION ROUTINES 5745-SC-AIT (G13), LISTINGS (CURRENT RELEASE)
 21 **LYC7-2011-1 VSE/AF REL. 2.0 ASSEMBLER 5745-SC-ASM (G13), LISTINGS (CURRENT RELEASE)
 36 **LYC7-2012-1 VSE/AF RELEASE 2 CHECKPOINT/RESTART 5745-SC-CKR (G13), LISTINGS (CURRENT RELEASE)
 30 **LYC7-2013-1 VSE/AF REL. 2.0 DIRECT ACCESS METHOD 5745-SC-DAM (G13), LISTINGS (CURRENT RELEASE)
 32 **LYC7-2014-1 VSE/AF REL. 2.0 DYNAMIC DUMP UTILITY 5745-SC-DDU (G13), LISTINGS (CURRENT RELEASE)
 30 **LYC7-2015-1 VSE/AF REL. 2.0 DISKETTE IOCS 5745-SC-DIO (G13), LISTINGS (CURRENT RELEASE)
 36 **LYC7-2016-1 VSE/AF REL. 2.0 DISTRIBUTION PROGRAM 5745-SC-DIS (G13), LISTINGS (CURRENT RELEASE)
 37 **LYC7-2017-1 VSE/AF REL. 2.0 DISK ERROR RECOVERY PROCEDURES 5745-SC-DKE (G13), LISTINGS (CURRENT RELEASE)
 40 **LYC7-2018-1 VSE/AF REL. 2.0 DISPLAY OPERATOR CONSOLE 5745-SC-DOC (G13), LISTINGS (CURRENT RELEASE)
 30 **LYC7-2019-1 VSE/AF REL. 2.0 DEVICE SUPPORT FACILITIES 5745-SC-DSF (G13) LISTINGS (CURRENT RELEASE)
 30 **LYC7-2020-1 VSE/AF REL. 2.0 SEQUENTIAL DISK IOCS 5745-SC-DSK (G13), LISTINGS (CURRENT RELEASE)
 37 **LYC7-2021-1 VSE/AF REL. 2.0 EREP1 5745-SC-ER1 (G13), LISTINGS (CURRENT RELEASE)
 30 **LYC7-2022-1 VSE/AF REL. 2.0 COMPILER I/O MODULES 5745-SC-IOM (G13), LISTINGS (CURRENT RELEASE)
 30 **LYC7-2023-1 VSE/AF REL. 2.0 IOCS AND DEVICE INDEPENDENT I/O 5745-SC-IOX LISTINGS (CURRENT RELEASE)
 36 **LYC7-2024-1 VSE/AF REL 2.0 IPL AND BUFFER LOAD 5745-SC-IPL (G13), LISTINGS (CURRENT RELEASE)
 30 **LYC7-2025-1 VSE/AF REL 2.0 ISAM 5745-SC-ISM (G13), LISTINGS (CURRENT RELEASE)
 36 **LYC7-2026-1 VSE/AF REL 2.0 JOB CONTROL 5745-SC-JCL (G13), LISTINGS (CURRENT RELEASE)
 31 **LYC7-2027-1 VSE/AF REL 2.0 LIBRARIAN 5745-SC-LBR (G13), LISTINGS (CURRENT RELEASE)
 31 **LYC7-2028-1 VSE/AF REL 2.0 LINKAGE EDITOR 5745-SC-LNK (G130), LISTINGS (CURRENT RELEASE)
 30 **LYC7-2029-1 VSE/AF REL 2.0 MAGNETIC CHARACTER RECOGNITION IOCS 5745-SC-MCR (G13), LISTINGS (CURRENT RELEASE)
 30 **LYC7-2030-1 VSE/AF REL 2.0 OPTICAL CHARACTER RECOGNITION IOCS 5745-SC-OCR (G13), LISTINGS (CURRENT RELEASE)
 37 **LYC7-2031-1 VSE/AF REL 2.0 ONLINE TEST EXECUTIVE PROGRAM 5745-SC-OLT (G13), LISTINGS (CURRENT RELEASE)
 37 **LYC7-2032-1 VSE/AF REL 2.0 PROBLEM DETERMINATION AIDS 5745-SC-PDA (G13), LISTINGS (CURRENT RELEASE)
 30 **LYC7-2033-1 VSE/AF REL 2.0 PAPER TAPE IOCS 5745-SC-PTP (G13), LISTINGS (CURRENT RELEASE)

34	**LYC7-2034-1			VSE/AF REL 2.0 RECOVERY MANAGEMENT SUPPORT 5745-SC-RMS (G13) LISTINGS (CURRENT RELEASE)
30	**LYC7-2035-1			VSE/AF REL 2.0 SPECIFIC DEVICE SUPPORT 5745-SC-SDS (G13), LISTINGS (CURRENT RELEASE)
36	**LYC7-2036-1			VSE/AF REL 2.0 SUPERVISOR 5745-SC-SUP (G13), LISTINGS (CURRENT RELEASE)
30	**LYC7-2037-1			VSE/AF REL. 2.0 MAGNETIC TAPE IOCS 5745-SC-TAP (G13), LISTINGS (CURRENT RELEASE)
37	**LYC7-2038-1			VSE/AF REL. 2.0 TAPE ERROR RECOVERY PROCEDURES 5745-SC-TPE LISTINGS (CURRENT RELEASE)
32	**LYC7-2039-1			VSE/AF REL. 2.0 SYSTEM UTILITY PROGRAM 5745-SC-UTL (G13), (G13) LISTINGS (CURRENT RELEASE)
34	**LYC7-2040-1			VSE/AG REL. 2.0 MAINTAIN SYSTEM HISTORY 5745-SC-UTS (G13), LISTINGS (CURRENT RELEASE)
99	GYC7-2102-0			1410/7010 OS/VVS EMULATOR ON SYSTEM/370 LISTINGS, PROG. NO. 5744-AG1
32	LYC7-2300-4			ASSEMBLY LISTING MICROFICHE FOR TSO DATA UTILITIES - PROGRAM PRODUCT 5734-UT1
32	LYC7-2301-0			SYSTEM/360 OPERATING SYSTEM ASCII UTILITIES ASSEMBLY LISTING MICROFICHE - PROGRAM PRODUCT - PROGRAM NUMBER 5734-UT2
29	LYC7-2500-2			SYSTEM/360 OPERATING SYSTEM PL/I CHECKOUT COMPILER PROGRAM LISTING - PROGRAM NUMBER 5734-PL2
29	LYC7-2501-5			DOS PL/I OPTIMIZING COMPILER RESIDENT LIBRARY LIC PROG 5736-PL3, -LM4 LISTINGS (CURRENT RELEASE)
29	LYC7-2502-5			DOS PL/I OPTIMIZING COMPILER TRANSIENT LIBRARY LIC PROG 5736-PL3, -LM5 LISTINGS (CURRENT RELEASE)
29	LYC7-2503-8			DOS PL/I OPTIMIZING COMPILER CMS USER'S GUIDE LIC PROG 5736-PL3, -PL1 LISTINGS (CURRENT RELEASE)
29	LYC7-2504-3			SYSTEM/360 OPERATING SYSTEM PL/I RESIDENT LIBRARY MICROFICHE - PROGRAM NUMBER 5734-LM4
29	LYC7-2505-3			OS PL/I TRANSIENT LIBRARY - MICROFICHE, PROG. NO. 5734-LM5
29	LYC7-2506-7			SYSTEM/360 OPERATING SYSTEM PL/I OPTIMIZING COMPILER MICROFICHE LISTINGS - PROGRAM NUMBER 5734-PL1
29	LYC7-5013-1			IBM DOS/360 ITF PL/I, LISTINGS - PROG. PROD. 5736-RC1
23	LYC7-5015-1			DOS ITF RELEASE II - BASIC ASSEMBLY LISTINGS - MICROFICHE PROG. PROD. 5736-RC2
29	LYC7-5016-1			IBM OS/360 ITF PL/I LISTINGS, PROG. PROD. 5734-RC1
36	LYC7-5017-1			OS/360 ITF SHARED, PROG PROD 5734-RC1, -RC3
23	LYC7-5018-1			SYSTEM/360 OPERATING SYSTEM INTERACTIVE TERMINAL FACILITY - BASIC MODULES - MICROFICHE LISTINGS - PROGRAM NUMBER 5734-RC3
25	LYC7-5019-4			FORTRAN IV (H EXTENDED) COMPILER, LIC PROG 5734-FO3, RELEASE 2. 3
25	LYC7-5020-4			IBM SYSTEM/360/370 FORTRAN IV LIBRARY MOD II - LISTINGS PROG. PROD. 5734-LM3
25	LYC7-5021-2			SYSTEM/360 OPERATING SYSTEM FORTRAN IV (G1) COMPILER MICROFICHE LISTINGS, PROG. PROD. 5734-FO2
25	LYC7-5022-1			OS 360/370 FORTRAN IV LIBR. MOD I LISTING, F.F. NO. 5734-LM1
24	LYC7-5023-0	LNC7-5141		SYSTEM/360 OPERATING SYSTEM AMERICAN NATIONAL STANDARD (ANS) COBOL VERSION 3 LISTINGS - PROGRAM NUMBER 5734-CB1
24	LYC7-5030-4	LJD3-3902 LJD3-3907 LJD3-3916 LJD3-3905	LJD3-3904 LJD3-3913 LJD3-3922 LJD3-3908	DOS FULL ANS COBOL LIBRARY V3 LISTINGS - PROG NO 5736-CB2
24	LYC7-5031-4	LNC7-5033		DOS FULL ANS COBOL LIBRARY V3, LISTINGS, PROG. NO. 5736-LM2
39	LYC7-5033-0	LNC7-5035		TSO ITF (PL/I) LISTINGS, PROG. NOS. 5734-RC2, RC4
39	LYC7-5035-0	LNC7-5035		TSO ITF (SHARED) LISTINGS, PROG. NOS. 5734-RC2, RC4
25	LYC7-5036-2			IBM SYSTEM/360/370 CODE AND GO FORTRAN CCMFILER - LISTINGS, PROG. PROD. 5734-FO1
21	LYC7-5037-2			ASSEMBLER P PROMPTER MICROFICHE LISTING, PROG PROD 5734-CP2
24	LYC7-5038-4	LNB6-9990		IBM SYSTEM/360/370 OS FULL ANS COBOL VERSION 3 COMPILER AND LIBRARY - LISTINGS, PROG. PROD. 5734-CB1
24	LYC7-5039-0			OS FULL COBOL COMPILER VERSION 3 AND TSO CCBCL PROMPTER: PROGRAM LISTINGS, PROG. NOS. 5734-CP1, 5734-CB3
24	LYC7-5040-2			IBM SYSTEM/360 OPERATING SYSTEM - TIME SHARING OPTION COBOL PROMPTER - PROGRAM NUMBERS 5734-CP1, 5734-CB3
24	LYC7-5041-8			DOS SUBSET COMPILER & LIBRARY LISTINGS - PROG. NO. 5736-CB1
25	LYC7-5042-4			IBM FORTRAN IV (H EXTENDED PLUS) COMPILER AND LIBRARY MICROFICHE LISTINGS
25	LYC7-5044-2			DOS FORTRAN IV LIBRARY OPT 1, LISTINGS - PROG. NO. 5746-LM3
24	LYC7-5045-5	LNB8-4671	LNB8-4674	OS ANS COBOL COMPILER & LIBRARY LISTINGS, PROG. 5734-CB2
50	LYC7-5048-5			OS VIDEO/370 LISTINGS, PROG. PROD. 5734-RC5
50	LYC7-5049-5			DOS VIDEO/370 LISTINGS - PROGRAM PRODUCT 5736-RC3
24	**LYC7-5050-7			DOS/VVS COBOL COMPILER & LIBRARY, LIC PROG 5746-CB1, -LM4 LISTINGS (CURRENT RELEASE)
23	LYC7-5051-2	LNB6-9971 LNB6-9995	LNB6-9972	VS BASIC LISTINGS - PROG PROD 5748-XX1
24	LYC7-5052-7	LNB8-4676		OS/VVS COBOL COMPILER & LIBRARY LISTINGS - PROG NOS. 5740-CE1, LM1
50	**SYC8-0975-21			OSIP GENERAL INDEX
97	**LYC9-0252-0			PTF SVS/OS ACF/VTAM 7912
97	LYC9-9205-0			MVS/OS NCCF 5735-XX6 LBOF-7645 (TAPE 8006)
97	LYC9-9256-0			MVS/OS ACF/TCAM V2 R1 LBOF-9140 (TAPE 8006)
97	LYC9-9500-0			MVS/OS SU91 HOST COMMAND FACILITY FOR VTAM 5735-XR1 LBOF-9148 (TAPE 8006)
50	LY09-0012-0			VANDL-1, LIC PROG 5799-AEY, LOGIC
50	LY12-5016-5			DL/I DOS/VVS, LIC PROG 5746-XX1, LOGIC
50	LY12-5026-0			IBM SYSTEM/370 IMS/VVS DATA BASE ANALYZER LOGIC, PROG PROD 5740-XXR (OS/VVS)
36	LY12-5027-1	LN12-5140		VSE/POWER, LIC PROG 5746-XE3, FEATURES 6066-6071, 6075-6079 LOGIC, PART 1 (CURRENT RELEASE)
36	LY12-5028-1			VSE/POWER, LIC PROG 5746-XE3, FEATURES 6066-6071, 6075-6079 LOGIC, PART 2 (CURRENT RELEASE)
38	LY12-5031-0			SYSTEM/370 AND 4300 PROCESSORS JOB ENTRY PROGRAM, LIC PROG 5746-XE6, LOGIC
30	LY12-5032-0			VSE/ACCESS CONTROL LOGGING AND REPORTING, LIC PROG 5746-XE7 LOGIC (CURRENT RELEASE)

38	LY12-5033-0			SYSTEM/370 AND 4300 PROCESSORS FILE TRANSFER PROGRAM LIC PROG 5748-XE6, LOGIC
36	LY12-5034-0	LN12-5155		VSE/POWER, LIC PROG 5746-XE3, LOGIC (PART 3) (CURRENT RELEASE)
85	**GY19-0010-13*			KWIC INDEX - MAINTENANCE LIBRARY
30	LY19-6049-1*			X25 PACKET SWITCHING ATTACHMENT FOR NCP VERSION 5 PRPQ ZA4239 - RPO XD2060 LIC PROG 5799-ARJ, LOGIC
29	LY19-6051-0			VS PERSONAL COMPUTING PL/I LOGIC, INTERNATIONAL FIELD PROGRAM 5785-EAB
50	**LY19-6060-1			SCREEN DEFINITION FACILITY/CUSTOMER INFORMATION CONTROL SYSTEM, LIC PROG 5740-XYF, 5746-XXT, LOGIC
32	**LY19-6061-1			VSE/DITTO, LIC PROG 5746-UT3, LOGIC (CURRENT RELEASE)
30	LY19-6116-0*			3705 SUPPORT, VIA THE RETD SPANISH DATA NETWORK, OF THE 2970-5 AND 5735-L03 BANKING TERMINALS, AND OF THE 2970-5 BANKING TERMINAL DIRECTLY ATTACHED, LIC PROG 5799-ATE, LOGIC
50	LY19-6121-0	LN19-6628		ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-CNE, LIC PROG 5746-XXV, ENTRY LEVEL INTERACTIVE APPLICATION SYSTEM-ONE/VIRTUAL MACHINE, LIC PROG 5748-XXX, LOGIC (CURRENT RELEASE)
50	**LY19-6131-0			X25 PACKET SWITCHING ATTACHMENT WORKING WITHIN ACP/NCP/VS, LIC PROG 5799-BAK PRPQ ZA4239, XD2060, LOGIC
85	**GY20-0073-25*			CUSTOMER ENGINEERING KWIC INDEX (USA)
50	LY20-0629-4			INFORMATION MANAGEMENT SYSTEM/360, VERSION 2 PROGRAM NUMBER 5734-XX6 SYSTEM MANUAL - LOGIC VOLUME 1, FEATURE CODE 8080
50	LY20-0630-3			IMS/360, VERSION 2, SYSTEM MANUAL VOL. 2 - FLOWCHARTS, PROG. PROD. 5734-XX6
22	LY20-0678-2			APL/360-OS AND APL/360-DOS SYSTEM MANUAL FEATURE NUMBERS 8091, 8034 LIC PROG 5734-XM6, 5736-XM6
50	LY20-0696-0	LN20-2599 LN20-9028	LN20-2898	GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL VOLUME 1 - PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8115
50	LY20-0697-1			GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL VOLUME 2 - PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8116
50	LY20-0698-1			GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL VOLUME 3 - PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8117
50	LY20-0699-0			IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT FOR THE ARITHMETIC STATEMENT FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8125
50	LY20-0700-0			IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT FOR THE TELEPROCESSING SUPPORT FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8123
50	LY20-0701-0			IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT FOR THE CONTROL STATEMENT FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8124
50	LY20-0702-0			IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT FOR THE PROCESSING STATEMENT FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8126
50	LY20-0703-0	LN20-2596		IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT FOR THE FORMAL REPORT FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8119
50	LY20-0704-1			GIS/2 SYSTEM MANUAL SUPPLEMENT FOR THE BIERARCHIC FILE SUPPORT FEATURE, PROG. NO. 5734-XX1 FEATURE NO. 8120
50	LY20-0705-0	LN20-2593		IBM GENERALIZED INFORMATION SYSTEM VOLUME 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT FOR THE FILE UPDATE AND CREATE FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8118
50	LY20-0706-0			IBM GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT FOR THE UTILITY FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8121
50	LY20-0707-1			IBM GENERALIZED INFORMATION SYSTEM VOLUME 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT FOR THE EDIT AND ENCCDE FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8122
50	LY20-0708-0	LN20-2594		IBM GENERALIZED INFORMATION SYSTEM VOLUME 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT FOR THE FILE MODIFY FEATURE PROGRAM NUMBER 5734-XX1 FEATURE NUMBER 8127
50	LY20-0712-3			CUSTOMER INFORMATION CONTROL SYSTEM (DOS-ENTRY), LIC PROG 5736-XX6, LOGIC
50	LY20-0713-2	LN20-9041		CUSTOMER INFORMATION CONTROL SYSTEM (CICS) (DOS-STANDARD), LIC PROG 5736-XX7, LOGIC
50	LY20-0714-4			CUSTOMER INFORMATION CONTROL SYSTEM VERSION 2 (CICS STANDARD V2), LIC PROG 5734-XX7, LOGIC
79	LY20-0728-1			STAT/BASIC FOR ITF AND VM/370 - CMS: LOGIC MANUAL, FEATURE NUMBER 8100 - PROGRAM NUMBER 5734-XA3
39	LY20-0757-3			S/370 MCGILL UNIVERSITY SYSTEM FOR INTERACTIVE COMPUTING MUSIC RELEASE II SYSTEM GUIDE - IUP NUMBER 5796-AAT
50	LY20-0771-0			DATA BASE DESIGN EVALUATION (DBPROTOTYPE) PROGRAM SYSTEM GUIDE - IUP NUMBER 5796-PBB
50	LY20-0772-0			PROGRAMMING LANGUAGE FOR IMS-PLIMS SYSTEM GUIDE - IUP NUMBER 5796-PBF
50	LY20-0773-0			IMSMAP - DATA BASE MAPPING PROGRAMS SYSTEM GUIDE - IUP NUMBER 5796-PBC
50	LY20-0775-0			TEST IMS UTILITIES PROGRAM SYSTEMS GUIDE - IUP NUMBER 5796-PBE
82	LY20-0804-0	LN20-2849	LN20-3075	MATH/BASIC FOR SYSTEM/3 MODEL 6, ITF, AND VM/370-CMS: LOGIC MANUAL, PROG. NOS. 5703-XM2 (SYSTEM/3) AND 5734-XM8 (ITF AND VM/370-CMS); FEATURE NOS. 8017, 8153
50	LY20-0809-1			GENERALIZED INFORMATION SYSTEM VERSION 2 (GIS/2) SYSTEM MANUAL SUPPLEMENT FOR THE DL/I QUERY SUPPORT FEATURE PROGRAM NUMBER 5734-XX1
50	LY20-0829-1			INTERACTIVE QUERY FACILITY (IQF) FOR IMS/360 VERSION 2 SYSTEM MANUAL VOLUME V, PROG. PROD. 5734-XX6
82	LY20-0840-0	LN20-3073		BUSINESS ANALYSIS/BASIC LOGIC MANUAL, PROG. NOS. 5703-XM3 (SYSTEM/3 MODEL 6) AND 5734-XMB (ITF-OS/DOS/TSO, VM/370-CMS)
50	LY20-0870-0	LN20-3304		DISPLAY MANAGEMENT SYSTEM II (DMS II) OS/VS LOGIC MANUAL PROGRAM NUMBER 5734-XC4
37	SY20-0882-4	SN25-0496		IBM VIRTUAL MACHINE FACILITY/370 SERVICE ROUTINES PROGRAM LOGIC
	SD23-9030	SN25-0797		
	SD23-9034	SN25-0798		
36	SY20-0884-3	SN25-0497		VM/370 DATA AREAS AND CONTROL BLOCK LOGIC

	SD23-9031	SN25-0754		
	SD23-9035	SN25-0763		
36	SY20-0886-1	SN25-0488	**SN25-0843	VM/370: SYSTEM LOGIC AND PROBLEM DETERMINATION GUIDE VOL 1
	SD23-9032	SN25-0755	**SN25-0843	
	SD23-9036	SN25-0764	**SN25-0843	
36	SY20-0887-1			IBM VM/370 SYSTEM LOGIC & PROBLEM DETERMINATION GUIDE VOL 2
	SD23-9033	SN25-0782		
	SD23-9037	SN25-0783		
36	SY20-0888-0			VM/370 SYSTEM LOGIC & PROBLEM DETERMINATION GUIDE VOL 3
34	LY20-0889-0	**LN25-0804		VM/DIRECTORY MAINTENANCE RELEASE 1.0, LIC PROG 5748-XE4 SYSTEM LOGIC (LY20-0889-0)
37	**LY20-0890-0			VM/SP, LIC PROG 5664-167, SERVICE ROUTINES PROGRAM LOGIC
36	**LY20-0891-0	**LN25-0825		VM/SP LIC PROG 5664-167, DATA AREAS AND CONTROL BLOCK LOGIC
36	**LY20-0892-0	**LN25-0817	**LN25-0821	VM/SP LIC PROG 5664-167, SYSTEM LOGIC & PRCELEM DETERMINATION GUIDE VOL 1 - CP
36	**LY20-0893-0			VM/SP, LIC PROG 5664-167, SYSTEM LOGIC & PROBLEM DETERMINATION GUIDE VOL 2-CMS
37	LY20-0932-0			TEST DATA GENERATOR SYSTEMS GUIDE PROGRAM NO. 5796-PBP FEATURE NUMBER 8064
50	LY20-0937-0			DATA COMMUNICATIONS ANALYZER (DCANALYZER) PROGRAM NUMBER 5796-PCA
50	LY20-0946-1			3270 SCREEN IMAGE PROCESSOR FOR IMS AND IMS/VVS - IUP 5796-AFC, SYSTEM GUIDE
50	LY20-0947-0			DB PROTOTYPE/VVS - IUP 5796-PCX, SYSTEM GUIDE
34	LY20-1996-0			VM/370 RESOURCE MANAGEMENT PROGRAMMING RPQ PO-9006 PROGRAMMER AND SYSTEM LOGIC GUIDE, PROG 5799-ARQ
50	LY20-2043-0	LN20-3350		DISPLAY MANAGEMENT SYSTEM II -- DOS/VVS (DMS II) LOGIC MANUAL, PROG. PROD. 5736-XC4
50	LY20-2045-0			FASTER LANGUAGE FACILITY FOR THE CUSTOMER INFORMATION CONTROL SYSTEM (CICS/VVS), LOGIC PROG. NOS. 5746-XX3 (CICS/DOS/VVS), 5740-XX1 (CICS/OS/VVS): FEATURES 6019, 6020,6021,6022,6023, 6024
50	LY20-2050-0			IMSMAP/VVS - IUP 5796-PCY, SYSTEM GUIDE
50	LY20-2052-0			TEST IMS/VVS UTILITIES, IUP 5796-PDA, DESCRIPTION/OPERATIONS
50	LY20-2053-0			DOSMAP-DL/I DATA BASE MAPPING PROGRAMS, IUP 5796-PCW, SYSTEMS GUIDE
34	LY20-2059-0			VM/SGP STATISTICS GENERATING PACKAGE - IUP 5796-PDD, SYSTEM GUIDE
36	LY20-2064-0			JOB CONTROL LANGUAGE EDITOR, IUP 5796-PDC SYSTEMS GUIDE
50	LY20-2072-1			INTERACTIVE QUERY & REPORT PROCESSOR (IQRP), IUP 5796-PDG, SYSTEMS GUIDE
34	LY20-2073-0			VM/370 GRAPHIC MONITOR, IUP 5796-PDT
30	LY20-2085-0	LN20-3535		DATA BASE DESIGN AID LOGIC, PROG PROD 5740-XY8, 5746-XXQ
39	LY20-2090-0			3270 FULL SCREEN SUPPORT FOR PL/I AND ASSEMBLER APPLICATION UNDER TSO IUP 5796-AGH
40	LY20-2094-0			VM/370 SYSTEM FOR ONLINE TAPE AND DISK LIBRARIES - IUP 5796-AGN, SYSTEM GUIDE
37	LY20-2113-0	LN20-3415		AUTOMATED UNIT TEST, IUP 5796-PEB, GUIDE
37	LY20-2114-0			AUTOMATED UNIT TEST, IUP 5796 - PEC, SYSTEMS GUIDE
50	LY20-2126-0	LN20-3566		TELECOMMUNICATIONS ACCESS METHOD IMS/VVS INTERFACE LOGIC, PROG PROD 5740-XXC
50	LY20-2175-3			EXTENDED TELECOMMUNICATIONS MODULES (EXTM) FEATURE OF CICS/DOS/VVS - PROG. PROD. 5746-XXB, LOGIC
34	LY20-2180-0			VVS/REPACK, IUP 5796-PDZ, SYSTEMS GUIDE
30	LY20-2181-0			WIDEBAND COMMUNICATIONS PROGRAM, IUP 5796-PDJ SYSTEMS GUIDE
21	LY20-2183-0			IBM CONVERSION AID FOR RCA/TDOS ASSEMBLER TO OS/VVS ASSEMBLER, SYSTEMS GUIDE, IUP 5796-PEX, FEATURE 8634
37	LY20-2188-0			DB/DC DRIVER SYSTEM LOGIC VOLUME I, PROG PROD 5740-XXT
37	LY20-2189-0			DB/DC DRIVER SYSTEM LOGIC VOLUME II, PROG PROD 5740-XXT
37	LY20-2190-0			DB/DC DRIVER SYSTEM LOGIC VOLUME III, PROG PROD 5740-XXT
50	LY20-2193-3			EXTENDED TELECOMMUNICATIONS MODULES FEATURE OF CICS/DOS/VVS PROBLEM DETERMINATION GUIDE PROGRAM NUMBER: 5746 XXB
24	LY20-2196-0			COBOL MAINTENANCE AND DOCUMENTATION AID IUPS 5796-AHY, 5796-AHZ SYSTEMS GUIDE
25	LY20-2199-0			FORTRAN CONVERSION AID, IUP 5796-PFG SYSTEMS GUIDE
50	LY20-2208-0			DOSMAP-DL/I DATA BASE MAPPING PROGRAMS, IUP 5796-PCW, SYSTEMS GUIDE FEATURE 8093
34	LY20-2217-1			SVS/MVS SYSTEM AND JOB IMPACT ANALYSIS, IUP 5796-AJF SYSTEMS GUIDE
50	LY20-2219-2			TELECOMMUNICATIONS CONTROL SYSTEM-ADVANCED FUNCTION (TCS-AF) VERSION 4, LIC PROG 5740-XXD, LOGIC
39	LY20-2220-0			TSO-3270 STRUCTURED PROGRAMMING FACILITY LOGIC, PROG PROD 5740-XT2
50	LY20-2227-0	LN20-3621		SYSTEM/370 DISPLAY MANAGEMENT SYSTEM PROGRAMMING RPQ Z06076 LOGIC PROG 5799-AFD
36	LY20-2228-0	LN20-3622		IBM SYSTEM/370 SPECIAL REAL TIME OPERATING SYSTEM PROGRAMMING RPQ Z06751 SYSTEMS LOGIC, PROG 5799-AHE
30	LY20-2240-0			GTF I/O CURRENCY REPORT, IUP 5796-PGD, SYSTEMS GUIDE
34	LY20-2242-1			DOS/VVS PERFORMANCE TOOL, IUP 5796-PGK, SYSTEMS GUIDE
34	LY20-2243-2			VSI PERFORMANCE TOOL (VSIPT), IUP 5796-PGL, SYSTEMS GUIDE
34	LY20-2244-0	LN20-3725		SVS PERFORMANCE TOOL (SVSPT), IUP 5796-PGN, SYSTEMS GUIDE
22	LY20-2247-0			APL FUNCTION EDITOR FOR APLSV IUP 5796-PGX, FEATURE 8676, SYSTEM GUIDE
22	LY20-2248-0			APL FUNCTION EDITOR FOR VSAPL IUP 5796-PGY, SYSTEM GUIDE, FEATURE 8677
34	LY20-2249-0			BATCH MONITOR FOR VM/370 CMS, IUP 5796-PGZ, SYSTEMS GUIDE
39	LY20-2255-0	LN20-3902		VVS APL FOR TSO, IUP 5796-ALB
50	LY20-2266-0	LN20-3939		DISPLAY MANAGEMENT SYSTEM/VIRTUAL STORAGE VERSION 1 (DMS/VVS) LOGIC, PROG PROD 5740-XC2 (OS/VVS), 5746-XC2 (DOS/VVS)
34	LY20-2268-1			SMF JOB DATA COMPRESSION AID (JDCA) - IUP 5796-PHN, SYSTEMS GUIDE
34	LY20-2269-1			STORAGE DEVICE MIGRATION AID (SDMA) - IUP 5796-PHP SYSTEMS GUIDE
34	LY20-2270-0			JES3 MONITORING FACILITY (JMF), IUP 5796-PHR, SYSTEMS GUIDE
39	LY20-2273-0			TSO/IQRP INTERFACE, IUP 5796-PHZ, SYSTEMS GUIDE

36	LY20-2279-0			VIRTUAL MACHINE/370 CONVERSATIONAL MONITOR SYSTEM (VM/CMS) EXEC LANGUAGE EXTENSIONS, IUP 5796-PJA, SYSTEM GUIDE
25	LY20-2280-0			FORTRAN INTERACTIVE SUBROUTINE LIBRARY - IUP 5796-PHT, SYSTEM GUIDE
37	LY20-2282-1	LN20-3631		APL DECISION TABLE PROCESSOR, IUP 5796-PJB, SYSTEMS GUIDE
30	LY20-2294-0	LN20-3634		MASS STORAGE CONTROL TABLE MAINTENANCE IUP 5796-PHY, SYSTEMS GUIDE
50	LY20-2304-0			IMS SPACE MANAGEMENT UTILITIES II, IUP 5796-PJJ, SYSTEMS GUIDE
39	LY20-2311-0			DISPLAY EDITING SYSTEM FOR CMS, IUP 5796-PJP, SYSTEM GUIDE
29	LY20-2312-0			VS PERSONAL COMPUTING PL/I, PROG PROD 5785-EAB, LOGIC
34	LY20-2318-0			MSS TRACE/SMF CORRELATION AID, IUP 5796-PJX, SYSTEMS GUIDE
39	LY20-2339-2			TSO-3270 DISPLAY SUPPORT AND STRUCTURED PROGRAMMING FACILITY VERSION 2, LOGIC, PROG PROD 5740-XT8
30	LY20-2340-1			HASP NETWORKING (PRPQ P09009) LOGIC, PROG 5799-ATC
30	LY20-2341-0			ASP NETWORKING (PRPQ P09008) LOGIC, PROG 5799-ATB
30	LY20-2342-0			VM/370 NETWORKING (PRPQ P09007) LOGIC, PROG 5799-ATA
38	**LY20-2351-1			HOT REMOTE NODE ENTRY SYSTEM, IUP 5796-PJY, SYSTEM GUIDE
21	LY20-2355-0			GENERAL CROSS ASSEMBLER GENERATOR SYSTEM GUIDE, IUP 5796-PKD
50	LY20-2358-0			IMS-APL DATA LINK FOR VSPC, IUP 5796-PLA, SYSTEMS GUIDE
30	LY20-2367-0			BULK DATA TRANSFER, IUP 5796-PKK, SYSTEMS GUIDE
25	LY20-2368-0			S/370 FORTRAN H EXTENDED OPTIMIZATION ENHANCEMENT, IUP 5796-PKR, SYSTEMS GUIDE
39	LY20-2370-0	LN20-3840	LN20-3966	S/370 MC GILL UNIVERSITY SYSTEM FOR INTERACTIVE COMPUTING (MUSIC IV), IUP 5796-ATL, SYSTEMS GUIDE
50	LY20-2371-0			DL/I DOS/VS SPACE MANAGEMENT UTILITIES, IUP 5796-PKF, SYSTEMS GUIDE
30	LY20-2372-0			GLOBAL SHARED ACCESS METHOD (GSAM) IUP 5796-ATX, SYSTEMS GUIDE
30	LY20-2376-0			DATA BASE DESIGN AID - DOS/VS
30	LY20-2377-0			DATA BASE DESIGN AID - OS/VS
50	LY20-2383-1			TELECOMMUNICATIONS CONTROL SYSTEM - ADVANCED COMMUNICATIONS FUNCTION (TCS-ACF), LIC PROG 5740-XY3, LCGIC
30	LY20-2411-0	LN20-3962		3800 PAGE FORMATTING SERVICES, IUP 5796-AWE, LOGIC
29	LY20-2414-0			PL/I LANGUAGE CONSTRUCTION PRE-PROCESSOR, IUP 5796-PLL, SYSTEMS GUIDE
34	LY20-2416-0			IMS-CMS DATA LINK FOR VM/370 IUP 5796-PLF, SYSTEMS GUIDE
50	LY20-2417-1			HIGH-SPEED SEQUENTIAL RETRIEVAL OF IMS/VS DATA BASES, IUP 5787-LAA, LOGIC
34	**LY20-2418-2			VSE PERFORMANCE TOOL, IUP 5796-PLQ, SYSTEMS GUIDE
50	LY20-2420-0			CON EDISON OF NY CICS/VS ONLINE PROMPTING FACILITY, IUP 5796-AW2, SYSTEMS GUIDE
36	LY20-2421-0			JES 3 MONITORING FACILITY II, IUP 5796-PLW, SYSTEMS GUIDE
34	LY20-2424-0	**LN20-4112		VM/370 REALTIME MONITOR, IUP 5796-PNA, SYSTEMS GUIDE
39	LY20-2426-1			VS APL EXTENDED EDITOR & FULL SCREEN MANAGER, IUP 5796-PLY, SYSTEMS GUIDE
22	LY20-2429-0			APL WORKSPACE STRUCTURE ANALYZER, IUP 5796-PNE SYSTEMS GUIDE
37	LY20-2431-0			BATCH TERMINAL SIMULATOR II (BTS II), IUP 5796-PGT, SYSTEMS GUIDE
30	LY20-2435-0			TELEPROCESSING VIRTUAL MACHINE, IUP 5796-PNC, SYSTEMS GUIDE
50	LY20-2437-0			DISPLAY MANAGEMENT SYSTEM/3770 (DMS/3770) RELEASE 1.0, LIC PROG 5740-XC3, LOGIC MANUAL
50	LY20-2451-0			AUTOMATIC OPERATION FACILITY LOGIC
38	LY20-2455-0			DOS/VSE REMOTE JOB ENTRY WORK STATION PROGRAM, LIC PROG 5746-RC9, LOGIC
50	**LY20-2456-2			DEVELOPMENT MANAGEMENT SYSTEM/CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (DMS/CICS/VS), LIC PROG 5740-XC5 5746-XC4, LOGIC (CURRENT RELEASE)
39	LY20-2480-0			STRUCTURED PROGRAMMING FACILITY/CONVERSATIONAL MONITOR SYSTEM, LIC PROG 5748-XT3, LOGIC
30	LY20-2489-0			JOB ENTRY SUBSYSTEM 3/NETWORKING, LIC PROG 5799-AZT, PROGRAM LOGIC
30	LY20-2496-0			VSE/3270 BISYNCHRONOUS PASS THROUGH, LIC PROG 5746-AM5 LOGIC
38	**LY20-2508-0			DOS/VSE AF3 REMOTE JOB ENTRY WORKSTATION PROGRAM, LIC PROG 5746-RC9, LOGIC
50	LY20-8010-0	LN20-9074	LN20-9226	GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) PROGRAM LOGIC MANUAL VOLUME 1 - PROG. PROD. 5740-XX7
50	LY20-8011-0	LN20-9227		GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) PROGRAM LOGIC MANUAL VOLUME 2 - PROG. NO. 5740-XX7
50	LY20-8012-0	LN20-9228		GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) PROGRAM LOGIC MANUAL VOLUME 3 - PROG. NO. 5740-XX7
50	LY20-8013-0	LN20-9229	LN20-9241	GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) PROGRAM LOGIC MANUAL SUPPLEMENT FOR THE ADVANCED QUERY FEATURE PROG. NO. 5740-XX7
50	LY20-8014-0			GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) PROGRAM LOGIC MANUAL SUPPLEMENT FOR THE MODIFY FEATURE PROG. NO. 5740-XX7
50	LY20-8015-0			GENERALIZED INFORMATION SYSTEM/VIRTUAL STORAGE (GIS/VS) PROGRAM LOGIC MANUAL SUPPLEMENT FOR THE UPDATE/CREATE FEATURE - PROG. NO. 5740-XX7
25	LY20-8031-0	LN20-9250		VSPC FORTRAN, LIC PROG 5748-FO2, LOGIC
22	**LY20-8032-2			VS APL PROGRAM LOGIC, PROG PROD 5748-AP1
50	LY20-8037-1			DE/DC DATA DICTIONARY, LIC PROG 5746-XXC, DIAGNOSIS: REFERENCE (CURRENT RELEASE)
39	LY20-8039-0	LN20-9200		DOS/VS VS PERSONAL COMPUTING (VSPC) LOGIC PROG PROD 5746-XR3
32	LY20-8047-0			OS/MVT ANALYSIS PROGRAM-1 (AP-1) LOGIC, PROG 5799-ARG, PRPQ EG4653 FOR 3350 & 3330 MODEL 11 ON SYSTEM/370
32	LY20-8049-0			OS/MVT AND OS/VS DASDR LOGIC - PROG PROD 5740-UT1
50	LY20-8050-3	**LN20-9336		IMS/VS V1, LIC PROG 5740-XX2, FAILURE ANALYSIS STRUCTURE TABLE (FAST) FOR DUMP ANALYSIS
32	LY20-8058-0			OFFLINE 3800 UTILITY, LIC PROG 5748-UT2, LOGIC
50	**LY20-8063-4	**LN20-9353		IMS/VS VERSION 1, LIC PROG 5740-XX2, DIAGNOSTIC AIDS (CURRENT RELEASE)
50	**LY20-8069-2	**LN20-9354		IMS/VS VERSION 1, LIC PROG 5740-XX2, LOGIC (CURRENT RELEASE)
39	LY20-8072-1			OS/VS1 AND OS/VS2 MVS VS PERSONAL COMPUTING (VSPC) LOGIC
39	LY20-8073-0			OS/VS2 MVS VS PERSONAL COMPUTING (VSPC) DIAGNOSTIC AIDS, LIC PROG 5740-XR6, LOGIC

50	SY20-8076-0			DB/DC DATA DICTIONARY, LIC PROG 5746-XXC, DIAGNOSIS: GUIDE (CURRENT RELEASE)
50	**LY20-8077-0			OS/V5 DB/DC DATA DICTIONARY, LIC PROG 5740-XXF DIAGNOSIS REFERENCE
50	**SY20-8078-0			OS/V5 DB/DC DATA DICTIONARY, LIC PROG 5740-XXF DIAGNOSIS GUIDE
50	LY20-9001-0			DBPROTOTYPE II, IUP 5796-PJK, SYSTEMS GUIDE
37	LY20-9005-0			AUDIT FILE COMPARE UTILITY, IUP 5796-PNF, SYSTEMS GUIDE
39	LY20-9007-0			APL DATA INTERFACE-II, IUP 5796-PNG, SYSTEMS GUIDE
30	GY21-0012-2			OS BSAM LOGIC FOR IBM 1419/1275
30	GY21-0013-2			OS DATA MANAGEMENT MACRO LOGIC FOR IBM 1285/1287/1288
28	LY21-0014-2	LN20-9125		IBM DOS RPG II LANGUAGE PROGRAM LOGIC MANUAL PROGRAM NUMBER 5736-RG1
32	LY21-0021-0	LN21-5126	LN21-5179	IBM SYSTEM/360 IBM 1288 BASIC UNFORMATTED READ SYSTEM PROGRAM LOGIC MANUAL PROGRAM NUMBER 5736-UT1
32	LY21-0022-0	LN21-5199		IBM 1288 BASIC UNFORMATTED READ SYSTEM (MFI/MVT/VS1/VS2): LOGIC MANUAL, PROG. NO. 5734-UT3
30	SY21-9203-2			APPLICATION CONTROL LANGUAGE SUPPORT LOGIC MANUAL (FOR IBM 3741 MODELS 3 & 4 PROGRAMMING WORK STATION)
35	LY24-3606-0	LN33-7043	LN33-7056	IBM EMULATOR FOR HONEYWELL SERIES 200 ON SYSTEM/370 USING DOS & DOS/V5: LOGIC, PROG. NO. 5799-ADI
35	LY24-3607-0	LN33-7044	LN33-7057	EMULATOR FOR RCA 301 ON SYSTEM/370 USING DCS & DOS/V5: LOGIC, PROG. NO. 5799-ADR
37	GY24-5154-3	GN28-2565		DOS OLTEP LOGIC
36	SY24-5155-6	SN24-5693		OS/V51 SUPERVISOR LOGIC
	SD25-0045			
30	SY24-5156-6			OS/V51 I/O SUPERVISOR LOGIC MANUAL
	SD25-0046			
	SY24-5175	SN24-5588		
	SY24-5194			
36	SY24-5159-3			OS/V51 CHECKPOINT/RESTART LOGIC
36	SY24-5160-4	SN24-5555	SN24-5602	OS/V51 IPL AND NIP LOGIC
	SD25-0006			
	SD25-0035			
30	SY24-5162-0			OS/V5 IBM 3886 OPTICAL CHARACTER READER MODEL 1 LOGIC
30	SY24-5163-0	SN24-5502		OS/V5 IBM 3890 DOCUMENT PROCESSOR LOGIC
30	SY24-5165-0	SN24-5493		OS/V5 DISKETTE COPY PROGRAMMING SUPPORT PROGRAM LOGIC
30	SY24-5166-1	SN24-5534		OS/V51 LOGIC FOR IBM 3540 DISKETTE INPUT/OUTPUT UNIT
30	SY24-5167-0			OS/V52 LOGIC FOR IBM 3540 DISKETTE INPUT/OUTPUT UNIT
36	SY24-5168-1	SN24-5647	SN24-5673	OS/V51 JOB MANAGEMENT LOGIC, VOLUME 1
	SD25-0029			
36	SY24-5169-1	SN24-5648	SN24-5674	OS/V51 JOB MANAGEMENT LOGIC, VOLUME 2
	SD25-0030			
37	SY24-5170-1	SN24-5645		OS/V51 RECOVERY MANAGEMENT SUPPORT LOGIC
	**SD25-0040			
30	SY24-5174-0	SN24-5595		OS/V51 VECTOR PROCESSING SUBSYSTEM LOGIC - SUID 5741-606
30	SY24-5175-0	SN24-5588		SU5 SUPPLEMENT TO OS/V51 I/O SUPERVISOR LOGIC (SY24-5156-5)
37	SY24-5176-1			SU5 SUPPLEMENT TO OS/V51 RECOVERY MANAGEMENT SUPPORT LOGIC (SY24-5170-0)
36	SY24-5177-0			SU 5741-605 SUPPLEMENT TO VS1 SYSTEM DATA AREAS, SY28-0605-5
36	SY24-5178-0			SU5 SUPPLEMENT TO OS/V51 JOB MANAGEMENT LOGIC, VOLUME 1
36	SY24-5179-0			SU5 SUPPLEMENT TO OS/V51 JOB MANAGEMENT LOGIC, VOLUME 2 (SY24-5169-0) SELECTABLE UNIT 5741-605
30	SY24-5181-0			DOS/VSE FIXED BLOCK ARCHITECTURE LOGICAL IOCS
	SD25-0026			
36	SY24-5182-0			SUPPLEMENT TO OS/V51 SUPERVISOR LOGIC, SUID 5741-606
36	SY24-5183-0			SU 5741-606 SUPPLEMENT TO VS1 SYSTEM DATA AREAS, SY28-0605-5
36	SY24-5184-0			SU6 SUPPLEMENT TO OS/V51 JOB MANAGEMENT LOGIC, VOLUME 1 (SU ID 5741-606)
36	SY24-5185-0			SU6 SUPPLEMENT TO OS/V51 JOB MANAGEMENT LOGIC, VOLUME 2 (SY24-5169-0) SU ID 5741-606
30	LY24-5187-0			IBM 3895 DOCUMENT IDENTIFICATION AND DESCRIPTION MACROS (DIDM) LOGIC, LIC PROG 5748-F12
30	LY24-5191-1			VSE/VSAM VSAM LOGIC, VOLUME 1: CATALOG MANAGEMENT, 5745-SC-VCM (CURRENT RELEASE)
30	LY24-5192-1			VSE/VSAM VSAM LOGIC, VOLUME 2: RECORD MANAGEMENT 5745-SC-VSM, LIC PROG 5746-AM2 (CURRENT RELEASE)
36	SY24-5193-0			SU 5741-604 SUPPLEMENT TO VS1 SYSTEM DATA AREAS, SY28-0605-5
30	SY24-5194-0			SU-4 SUPPLEMENT TO OS/V51 I/O SUPERVISOR LOGIC (SY24-5156-5) SU ID 5741-604
30	LY24-5195-1			VSE/VSAM ACCESS METHOD SERVICES LOGIC, COMPONENT ID 5745-SC-AMS, LIC PROG 5746-AM2 (CURRENT RELEASE)
30	**LY24-5203-1			VIRTUAL MACHINE FACILITY/370: REMOTE SPOOLING COMMUNICATIONS SUBSYSTEM NETWORKING, LIC PROG 5748-XP1, LOGIC
30	LY24-5204-0			VSE/VSAM SPACE MANAGEMENT FOR SAM FEATURE, LIC PROG 5746-AM2, LOGIC
39	LY24-5205-0			VIRTUAL MACHINE FACILITY/370 VM/INTERACTIVE FILE SHARING, LIC PROG 5748-XXC, LOGIC
39	LY24-5206-0	LN24-5636		VIRTUAL MACHINE FACILITY/370 DISPLAY MANAGEMENT SYSTEM FOR CMS: LOGIC
30	**LY24-5208-0			VIRTUAL MACHINE FACILITY/370, VM/PASS THROUGH FACILITY LIC PROG 5748-RC1, LOGIC
30	**LY24-5209-0	**LN33-9303		VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, DIAGNOSIS REFERENCE LLOCS VOLUME 1 GENERAL INFORMATION & IMPERATIVE MACROS LOGIC (CURRENT RELEASE)
30	**LY24-5210-0	**LN33-9304		VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, DIAGNOSIS REFERENCE LLOCS VOLUME 2, SAM LOGIC (CURRENT RELEASE)
30	**LY24-5211-0	**LN33-9305		VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, DIAGNOSIS REFERENCE LLOCS VOLUME 3 DAM & ISAM LOGIC (CURRENT RELEASE)
30	**LY24-5212-0	**LN33-9306		VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, DIAGNOSIS REFERENCE LLOCS VOLUME 4 DAM & ISAM LOGIC FOR DASD (CURRENT RELEASE)
30	LY24-5213-0			VSE/VSAM BACKUP/RESTORE FEATURE, LIC PROG 5746-AM2, LOGIC
36	SY24-6000-1	SN25-0186		OS/V52 MVS JES2 R4 LOGIC
36	LY24-6001-1	LN25-0159	LN25-0165	NETWORK JOB ENTRY FACILITY FOR JES2 PROG 5740-XR8, LOGIC
		LN25-0174	LN25-0183	

30	LY24-6003-0	LN25-0189	LN25-0195	MVS/INFORMATION DISTRIBUTION WORK STATION SUPPORT, LIC PROG 5740-AMA, DIAGNOSIS
36	**LY24-6005-0			JES3, LIC PROG 5740-XYN, LOGIC
36	**LY24-6006-0			JES2 - LOGIC
36	SY24-6051-0	SN25-0145	SN25-0157	SUPPLEMENT FOR SU35 TO MVS JES2 REL 4 LOGIC: JES2 REL 4-1, 5752-825
37	SY24-6052-0	SN25-0160		SUPPLEMENT FOR SU33: MVS DUMPING IMPROVEMENTS, 5752-833
36	SY24-6053-0			SUPPLEMENT FOR SU18 TO MVS JES3 LOGIC: JES3 REL 2.1 MSS, 5752-818
36	SY24-6054-0			SUPPLEMENT FOR SU29 TO MVS JES3 LOGIC: 3838 VPSS, 5752-829
37	SY25-0001-0	SN28-4565		MVS INTERACTIVE PROBLEM CONTROL SYSTEM LOGIC, SUID 5752-857
50	**LY25-0002-2			NETWORK PROBLEM DETERMINATION APPLICATION, LIC PROG 5735-XX8, LOGIC (CURRENT RELEASE)
37	**LY25-0003-0			INFORMATION/MANAGEMENT, LIC PROG 5735-OZS, LOGIC AND DIAGNOSIS
37	LY25-0004-1	**LN28-4569		VSE INTERACTIVE PROBLEM CONTROL SYSTEM, LIC PROG 5746-SA1, LOGIC (CURRENT RELEASE)
37	**LY25-0005-0	**LN28-4570		VM/INTERACTIVE PROBLEM CONTROL SYSTEM EXTENSION, LIC PROG 5748-SA1, LOGIC
39	**LY25-0006-0			SYSTEM PRODUCTIVITY FACILITY FOR MVS, LIC PROG 5668-009, LOGIC AND DIAGNOSIS
37	**LY25-0008-0			INFORMATION/SYSTEM, LIC PROG 5735-OZS, LOGIC AND DIAGNOSIS
39	**LY25-0010-0			SYSTEM PRODUCTIVITY FACILITY FOR VM/SP, LIC PROG 5668-009, LOGIC AND DIAGNOSIS PROGRAM NUMBER 5668-009
37	SY25-7701-1			IBM VIRTUAL MACHINE FACILITY/370: ENVIRONMENTAL RECORDING EDITING AND PRINTING (EREP), LOGIC
21	LY26-3737-1	LN33-8215		IBM SYSTEM/360 OPERATING SYSTEM TIME SHARING OPTION ASSEMBLER PROMPTER PROGRAM LOGIC MANUAL PROGRAM NUMBER 5734-CP2
21	LY26-3760-3	LN33-8218		OS ASSEMBLER H LOGIC PROG. NO. 5734-AS1
31	SY26-3814-1			OS/VS LOADER LOGIC
31	SY26-3815-1			OS/VS LINKAGE EDITOR LOGIC
36	SY26-3820-4	SN26-0844	SN26-0908	OS/VS2 MVS CHECKPOINT/RESTART LOGIC
	SD26-6000			
	SD26-6004			
	**SD26-6035			
30	SY26-3823-5	SN28-4683		OS/VS2 INPUT/OUTPUT SUPERVISOR LOGIC
	SD23-0011			
	SD23-0171			
	SD23-0193	**SN28-4787		
	**SD23-0232			
30	SY26-3825-2			OS/VS2 MVS VIRTUAL STORAGE ACCESS METHOD (VSAM) LOGIC
	**SD26-6031			
	**SD26-6032			
30	SY26-3826-3	SN26-0912		OS/VS2 CATALOG MANAGEMENT LOGIC
30	SY26-3827-2	SN26-0933	SN26-0969	OS/VS2 OPEN/CLOSE/EOV LOGIC, REL 3, 3.6 WITH SN26-0823, REL 3.7
	SD26-6025			
30	SY26-3828-2	SN26-0938		OS/VS2 DADSM LOGIC
30	SY26-3831-1			OS/VS2 BDAM LOGIC
30	SY26-3832-1	SN26-0917	SN26-0931	OS/VS2 SAM LOGIC
		SN26-0934	SN26-0956	
30	SY26-3833-1			OS/VS2 ISAM LOGIC
30	**SY26-3834-2			OS/VS2 VIO LOGIC
	SD26-6005			
30	SY26-3836-0	SN26-0788		OS/VS1 BDAM LOGIC
30	SY26-3837-1	SN26-0807	SN26-0939	OS/VS1 DADSM LOGIC
30	SY26-3838-0	SN26-0812		OS/VS1 ISAM LOGIC
30	SY26-3839-3	SN26-0918	SN26-0935	OS/VS1 OPEN/CLOSE/EOV LOGIC
	**SD26-6028			
	SY26-3866			
30	SY26-3840-2	SN26-0880	SN26-0916	OS/VS1 SAM LOGIC
		SN26-0936	SN26-0948	
		SN26-0959	SN26-0970	
	SY26-3867			
30	SY26-3841-1	SN26-0818	SN26-0883	OS/VS1 VIRTUAL STORAGE ACCESS METHOD (VSAM) LOGIC
		SN26-0911	SN26-0919	
		SN26-0889		
32	SY26-3851-0			OS/VS ANALYSIS PROGRAM-1 (AP-1) LOGIC
32	SY26-3852-1			DOS/VS ANALYSIS PROGRAM-1 (AP-1) LOGIC
30	SY26-3853-0			OS/VS2 SVS INDEPENDENT COMPONENT: IBM 3350 & 3340/3344 LOGIC
30	SY26-3854-0			OS/VS2 SVS INDEPENDENT COMPONENT: 3800 PRINTING SUBSYSTEM LOGIC, SCP 5742-017, FEATURES 5081, 5082, 5470, AND 5471
30	LY26-3855-0+	LN26-0937	LN26-0949	OS/VS2 MVS SEQUENTIAL ACCESS METHOD-EXTENDED (SAM-E), LIC PROG 5740-AM3, LOGIC
	**LD26-6037	LN26-0955		
30	SY26-3856-0			OS/VS2 SVS INDEPENDENT COMPONENT: ACCESS METHOD SERVICES LOGIC
30	SY26-3857-0			OS/VS2 SVS INDEPENDENT COMPONENT: VIRTUAL STORAGE ACCESS METHOD (VSAM) LOGIC
30	SY26-3860-0			OS/VS2 CVOL PROCESSOR LOGIC (COLLATED VERSION)
30	SY26-3861-0			OS/VS2 SVS INDEPENDENT COMPONENT: IBM 3850 MASS STORAGE SYSTEM (MSS) LOGIC
30	SY26-3866-0			SUPPLEMENT FOR SU6: OS/VS1 OPEN/CLOSE/EOV, 5741-606
30	SY26-3867-1			SUPPLEMENT TO SU6: OS/VS1 SUBSYSTEM ATTACH SUPPORT, 5741-606
36	SY26-3868-0			SUPPLEMENT FOR SU32 TO MVS CHECKPOINT/RESTART LOGIC: SYSTEM SECURITY, 5752-832
30	SY26-3872-0			OS/VS2 SVS ALTERNATE PATH RECOVERY LOGIC INFORMATION SUPPORT SUPPLEMENT FOR APAR OY14666
32	SY26-3873-0			DOS/VS IEBIMAGE AND SETPRD LOGIC
32	**SY26-3878-0			DATA FACILITY/DATA SET SERVICES, LIC PROG 5740-UT3, DIAGNOSIS GUIDE AND REFERENCE
30	**SY26-3880-0			DATA FACILITY/DEVICE SUPPORT: DADSM AND COMMON VTOC ACCESS FACILITY DIAGNOSIS GUIDE, LIC PROG 5740-AM6, -AM7
30	**SY26-3881-0			DATA FACILITY/DEVICE SUPPORT: DADSM DIAGNOSIS REFERENCE, LIC PROG 5740-AM6, -AM7
30	**SY26-3882-0	**SN26-0802		DATA FACILITY/DEVICE SUPPORT: COMMON VTOC ACCESS FACILITY DIAGNOSIS REFERENCE, LIC PROG 5740-AM6, -AM7
30	**SY26-3884-0			DATA FACILITY/DEVICE SUPPORT: OS/VS2 MVS MEDIA MANAGER

30	**SY26-3887-0			DIAGNOSIS GUIDE AND REFERENCE, LIC PROG 5740-AM7 DATA FACILITY EXTENDED FUNCTION, LIC PROG 5740-XYQ, CATALOG DIAGNOSIS GUIDE
30	**LY26-3888-0			DATA FACILITY EXTENDED FUNCTION, LIC PROG 5740-XYQ, ACCESS METHODS SERVICES LOGIC
50	**LD26-6033			2740 COMMUNICATION TERMINAL MODEL 1 2740 COMMUNICATION TERMINAL MODEL 2 2741 COMMUNICATION TERMINAL
37	GY27-7198-2			IBM SYSTEM/360 OPERATING SYSTEM: MACHINE-CHECK HANDLER FOR SYSTEM/370 MODELS 155 THRU 168 (LOGIC), P/N 360S-DN-539
35	GY27-7228-1	GN33-7084		7074 OS EMULATOR ON MODELS 165/168, PROG 360C-EU-739 (OS/MFT AND OS/MVT), PROG 5744-AK1 (OS/VS1 AND OS/VS2)
35	GY27-7229-1	GN33-7087		7080 OS EMULATOR ON MODELS 165/168: LOGIC, PROG. NOS. 360C-EU-737 (MFT/MVT), 5744-AL1 (VS1/VS2)
50	LY27-7230-2			VIDEO/370 LOGIC MANUAL - PROGRAM NUMBERS 5734-RC5, 5736-RC3
37	GY27-7237-1			IBM SYSTEM/360 OPERATING SYSTEM: MACHINE-CHECK HANDLER FOR SYSTEM/370 MODELS 135 AND 145 (LOGIC), P/N 360S-DN-539
35	GY27-7238-0	GN27-1409	GN33-7085	7074 OS EMULATOR ON MODELS 155/158 LOGIC PROG. NOS. 360C-EU-741 (OS); 5744-AJ1 (VS1, VS2)
37	SY27-7239-2			OS/VS RECOVERY MANAGEMENT SUPPORT LOGIC: SVS REL 1.6; VS1 REL 4, 5
30	SY27-7240-0	SN27-1389	SN33-3059	OS/VS GRAPHICS ACCESS METHOD LOGIC MANUAL
30	SY27-7241-0	SN33-3060		OS/VS GRAPHICS PROBLEM-ORIENTED ROUTINES LOGIC
30	SY27-7242-0	SN27-1390	SN33-3061	OS/VS GRAPHIC SUBROUTINE PACKAGE (GSP) FOR FORTRAN IV, COBOL AND PL/I LOGIC
36	SY27-7243-1			OS/VS2 IPL AND NIP LOGIC: REL 1.6 ONLY
36	SY27-7244-1			OS/VS2 SUPERVISOR LOGIC (THROUGH RELEASE 1.6 ONLY)
30	GY27-7245-1			DOS VERSION 4 BTAM LOGIC, PROG. NO. 370N-CQ-469
30	SY27-7246-2	SN30-3062	SN30-3098	OS/VS BTAM LOGIC
		SN30-3128	**SN30-3130	
30	SY27-7249-0	SN27-1492		DOS/VS QTAM LOGIC MANUAL
30	SY27-7251-2			DOS/VS BTAM LOGIC MANUAL
36	GY27-7255-0	GN25-0122	GN27-1555	OS/VS2 HASP II VERSION 4 LOGIC MANUAL - PROGRAM NUMBER 370H-TX-001
30	SY27-7256-3	SN27-1552	SN31-0829	INTRODUCTION TO VTAM (LEVEL 2) LOGIC: MVS; SVS REL 1.7; VS1 REL 5; WITH SN27-1552, VS1 REL 6; DOS/VS PLANNING ONLY
30	SY27-7257-1	SN27-1550	SN27-1551	OS/VS1 VTAM LOGIC
35	GY27-7259-0	GN33-7089		7094 OS EMULATOR ON MODELS 165/168: LOGIC, PROG. NOS. 360C-EU-740 (MFT/MVT) & 5744-AM1 (VS1/VS2)
30	SY27-7260-0	SN27-1465	SN33-3062	OS/VS2 GRAPHIC ACCESS METHOD LOGIC
		SN33-3148		
30	SY27-7262-3			DOS/VS VTAM LOGIC
30	SY27-7265-2			DOS/VS VTAM LEVEL 2 DATA AREAS
30	SY27-7266-1	SN27-1541	SN31-0830	OS/VS1 VTAM DATA AREAS
30	SY27-7267-2	SN31-0663	SN31-0891	OS/VS2 MVS VTAM (LEVEL 2) DATA AREAS
30	SY27-7269-1			OS/VS2 MVS VTIOC AND TCAS LOGIC
30	SY27-7270-1			DOS/VS VTAM (LEVEL 2) EXECUTION SEQUENCES
30	SY27-7271-0			OS/VS VTAM (LEVEL 2) EXECUTION SEQUENCES
30	SY27-7272-0			OS/VS2 MVS VTAM (LEVEL 2) EXECUTION SEQUENCE LOGIC
30	SY27-7276-0			OS/VS2 SVS VTAM LOGIC
30	SY27-7277-0			OS/VS2 SVS VTAM DATA AREAS
30	SY27-7278-0			OS/VS2 SVS VTAM EXECUTION SEQUENCES
50	LY27-8002-0	LN31-0727	LN31-0801	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) DATA AREAS, PROG PROD 5735-RC2 (OS/VS)
		LN31-0814	LN31-0937	
50	LY27-8003-0	LN31-0817	LN31-0938	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) DATA AREAS, PROG PROD 5746-RC3 (DOS/VS)
50	SY27-8006-0	SN31-0699	SN31-0943	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) DEBUGGING GUIDE, PROG PROD 5735-RC2 (OS/VS)
50	SY27-8007-1	SN31-0944		ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) DEBUGGING GUIDE, PROG PROD 5746-RC3 (DOS/VS)
50	LY27-8009-0			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), EXECUTION SEQUENCES, PROGRAM NUMBER 5735-RC2 (OS/VS1)
50	LY27-8010-0			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM EXECUTION SEQUENCES (OS/VS2 MVS)
50	LY27-8012-0			ACF/VTAM EXECUTION SEQUENCES, SCP 5735-RC2 (OS/VS2 SVS)
50	LY27-8013-0			ADVANCED COMMUNICATIONS FUNCTIONS FOR VTAM (ACF/VTAM) TOLTEP LOGIC, PROG PROD 5746-RC3 (DOS/VS), 5735-RC2 (OS/VS)
50	LY27-8014-0	LN31-0728		INTRODUCTION TO ACF/VTAM LOGIC PROG PROD 5746-RC3 (DOS/VS), 5735-RC2 (OS/VS)
50	LY27-8016-0	LN31-0731	LN31-0803	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) LOGIC, PROG PROD 5735-RC2 (OS/VS)
		LN31-1034		
50	LY27-8018-0	LN31-1033		ACF/VTAM LOGIC, PROG PROD 5746-RC3 (DOS/VS)
50	LY27-8022-1			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), MULTISYSTEM NETWORKING FACILITY LOGIC, PROG PROD 5746-RC3 (DOS/VS), 5735-RC2 (OS/VS)
50	LY27-8024-0			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), LIC PROG 5735-RC2 ENCRYPT/DECRYPT FEATURE 6010, LOGIC
30	LY27-8026-1			NETWORK OPERATION LOGIC, PROG PROD 5735-XX2 (DOS/VS, OS/VS)
50	LY27-8028-0			ACF/VTAM LOGIC: VTIOC AND TCAS PROGRAM PRODUCT
30	LY27-8030-0	LN31-1001		BTAM-ES, LIC PROG 5746-RC5, LOGIC (CURRENT RELEASE)
20	GY28-0603-0			OS/VS MASTER INDEX OF LOGIC
36	SY28-0605-6	SN24-5633	SN24-5653	OS/VS1 SYSTEM DATA AREAS
		SN24-5664		
	SD25-0014			
	SD25-0033			
36	SY28-0612-1	SN25-0166	SN25-0192	OS/VS2 JES3 LOGIC
36	SY28-0620-0			OS/VS2 JOB MANAGEMENT LOGIC (SVS)
30	SY28-0621-1	SN27-1549	SN31-0662	OS/VS2 MVS VTAM (LEVEL 2) LOGIC
36	SY28-0622-2			OS/VS2 JES2 LOGIC: VS2 REL 1.6 THROUGH 3.6
36	SY28-0623-2			OS/VS2 SYSTEM INITIALIZATION LOGIC REL 2, 3, 3.6; WITH SN28-2617, REL 3.7
	SD23-0010	SN28-2952		
	SD23-0123			
	SD23-0159	SN28-4714		
	SD23-0192	**SN28-4788		
	SD23-0222			
37	SY28-0635-3	SN24-5672		OS/VS1 SERVICE AIDS LOGIC

	SD25-0037			
37	SY28-0643-4	SN28-2912		OS/V52 MVS SERVICE AIDS LOGIC
	SD23-0013	SN28-2919		
	SD23-0036			
	SD23-0131			
	SD23-0194			
	SY24-6052			
39	SY28-0650-3	SN28-4747		OS/V52 TSO TERMINAL MONITOR PROGRAM & SERVICE ROUTINES LOGIC
	**SD23-0210			
39	SY28-0651-2			OS/V52 TSO COMMAND PROCESSOR LOGIC VOLUME I: ACCOUNT
39	SY28-0652-2	SN28-2921	**SN28-4928	OS/V52 TSO COMMAND PROCESSOR LOGIC VOLUME IV REL 3; WITH
	SD23-0132			SN28-2630, REL 3.7)
	**SD23-0213	**SN28-4929	**SN28-4928	
39	SY28-0653-0			OS/V52 TSO ENHANCEMENTS NO. 2 LOGIC
39	SY28-0655-0			OS/V52 TSO SUPPORT FOR VS BASIC LOGIC: REL 1.6, 1.7
38	SY28-0660-0			OS/V51 RES ACCOUNT FACILITY LOGIC
37	SY28-0662-2	SN25-0330	SN25-0347	OS/V51 OLTEP LOGIC
37	SY28-0664-2			DOS/V5 AND OS/V5 TOLTEP LOGIC
37	SY28-0669-3			OS/V51, SYS1.LOGREC ERROR RECORDING LOGIC
	SD25-0602			
	SD25-0606			
37	SY28-0676-1	SN25-0329		OS/V52 OLTEP LOGIC
	SD23-0195			
37	SY28-0678-4	SN25-0335		OS/V52 SYS1.LOGREC ERROR RECORDING LOGIC
	SD23-0202			
	SD25-0604			
	SD25-0609	SN28-4746		
37	SY28-0685-5			OS/V5 SYSTEM MODIFICATION PROGRAM (SMP) LOGIC
36	*SY28-0713-6			OS/V52 SYSTEM LOGIC LIBRARY - VOLUME 1 OF 7 (CURRENT RELEASE)
36	SY28-0714-2			OS/V52 SYSTEM LOGIC LIBRARY - VOLUME 2 OF 7
	SD23-0015			
	SD23-0154	SN28-4721		
	SD23-0186	**SN28-4903		
36	SY28-0715-2	SN28-4722		OS/V52 SYSTEM LOGIC LIBRARY - VOLUME 3 OF 7
	SD23-0016			
	SD23-0155	SN28-4715		
	SD23-0187	**SN28-4904		
36	SY28-0716-2			OS/V52 SYSTEM LOGIC LIBRARY - VOLUME 4 OF 7
	SD23-0017			
	SD23-0156			
	SD23-0188	**SN28-4772		
36	SY28-0717-2	SN28-4701		OS/V52 SYSTEM LOGIC LIBRARY - VOLUME 5 OF 7
	SD23-0018	SN28-4703		
	SD23-0172	SN28-4704		
	SD23-0189			
36	SY28-0718-2			OS/V52 SYSTEM LOGIC LIBRARY - VOLUME 6 OF 7
	SD23-0019			
	SD23-0190			
36	SY28-0719-2	SN28-4702		OS/V52 SYSTEM LOGIC LIBRARY - VOLUME 7 OF 7
	SD23-0020			
	SD23-0158	SN28-4727		
	SD23-0191			
30	LY28-0730-2	**LN28-4757		OS/V52 MVS RACF LOGIC MANUAL, PROG PROD 5740-XXH
34	LY28-0739-0			OS/V52 MVS RESOURCE MEASUREMENT FACILITY (RMF) LOGIC - PROG
				PROD 5740-XXM
37	SY28-0773-3			OS/V5 ENVIRONMENTAL RECORDING EDITING AND PRINTING (EREP)
				PROGRAM LOGIC, SUID 5741-601, 5752-827, ICR 5742
39	LY28-0913-1			OS/V52 MVS TSO 3270 EXTENDED DISPLAY SUPPORT SESSION MANAGER
				LOGIC, LIC PROG 5740-XE2
34	LY28-0923-3	**LN28-4786		OS/V52 MVS RESOURCE MEASUREMENT FACILITY (RMF) VERSION 2 LOGIC,
	**LD23-0226			PROG PROD 5740-XY4
34	SY28-0955-0			OS/V52 SVS PROCESSOR SUPPORT LOGIC INFORMATION
30	LY28-0958-0			OS/V52 MVS PROGRAMMED CRYPTOGRAPHIC FACILITY LOGIC, LIC PROG
				5740-XY5
30	LY28-0986-0			OS/V51 PROGRAMMED CRYPTOGRAPHIC FACILITY PROGRAM LOGIC MANUAL
30	LY28-1017-1			OS/V52 MVS CRYPTOGRAPHIC UNIT SUPPORT, LIC PROG 5740-XY6, LOGIC
30	**LY28-1018-0			OS/V51 CRYPTOGRAPHIC UNIT SUPPORT PROGRAM LIC PROG 5740-XY6,
				LOGIC
30	**LY28-1028-0			OS/V52 MVS INPUT/OUTPUT CONFIGURATION PROGRAM, LIC PROG
				5740-XYN, -XYS, LOGIC
36	**LY28-1050-0			OS/V52 MVS SYSTEM INITIALIZATION, LIC PROG 5740-XYN, -XYS,
	**LD23-0238			LOGIC
36	**LY28-1059-0			OS/V52 MVS GLOBAL RESOURCE SERIALIZATION, LIC PROG 5740-XYN,
				-XYS, LOGIC
36	GY28-2009-2	GN28-3146	GN28-3193	TIME SHARING SYSTEM, SYSTEM LOGIC SUMMARY
		GN28-3219		
25	LY28-6403-0	LN28-0604		FORTRAN IV (H EXTENDED) COMPILER FOR OS AND VM/370 (CMS), LOGIC
				- PROG PROD 5734-FO3
24	LY28-6406-2	LN20-9167		OS (TSO) COBOL PROMPTER LOGIC, PROG PROD 5734-CF1
24	LY28-6407-2			IBM SYSTEM/360 OPERATING SYSTEM FULL AMERICAN NATIONAL STANDARD
				COBOL COMPILER AND LIBRARY, VERSION 3 PROGRAM LOGIC MANUAL,
				PROGRAM NUMBER 5734-CB1
25	LY28-6408-1			FORTRAN IV LIBRARY (MOD I) FOR OS & VM/370 (CMS): PROGRAM LOGIC
				MANUAL, PROGRAM NUMBER 5734-LM1
25	LY28-6409-1			FORTRAN IV LIBRARY (MOD II) FOR OS AND VM/370 (CMS) LOGIC, PROG
				PROD 5734-LM3
24	LY28-6412-0	LN20-9127	LN20-9175	DOS FULL ANS COMPILER, LIC PROG 5736-CB2, VERSION 3, LOGIC
		LN28-0462	LN28-0485	
		LN28-1031		
24	LY28-6413-1			DOS FULL ANS COBOL SUBROUTINE LIBRARY VER 3, LOGIC, PROG PROD
				5736-LM2
24	LY28-6414-1			DOS SUBSET ANS COBOL COMPILER AND LIBRARY LOGIC PROG PROD
				5736-CB1
25	LY28-6415-0			SYSTEM/360 OS FORTRAN IV (B EXTENDED PLUS) COMPILER AND
				LIBRARY, PRPQ LOGIC SUPPLEMENT, PROG 5799-AAW

24	LY28-6419-1	LN20-9195		OS FULL ANS COBOL SUBROUTINE LIBRARY VERSION 4 LOGIC, PROG PROD 5734-LM2
24	LY28-6420-1	LN20-9196		OS FULL ANS COBOL COMPILER VERS 4 LOGIC, PROG PROD 5734-CB2
23	LY28-6422-2			SYSTEM/370 VS BASIC: PROGRAM LOGIC, PROG. PROD. 5748-XX1
24	LY28-6423-1	LN20-9119	LN20-9182	DOS/VVS COBOL COMPILER AND LIBRARY, LIC PROG 5746-CB1, LOGIC
			LN20-9224	(CURRENT RELEASE)
24	LY28-6424-1	LN20-9122	LN20-9183	DOS/VVS COBOL SUBROUTINE LIBRARY, LIC PROG 5746-LM4, LOGIC
		LN20-9237		(CURRENT RELEASE)
24	LY28-6425-1			OS/VVS COBOL SUBROUTINE LIBRARY LOGIC, PROG PROD 5740-LM1
24	LY28-6486-2			IBM OS/VVS COBOL COMPILER PROGRAM LOGIC PROGRAM NUMBERS:
				5740-CB1
32	LY28-6761-1			OS/MFT, OS/MVT, AND OS/VVS DATA SET UTILITIES SUPPORT FOR ASCII:
				LOGIC MANUAL, PROG. NO. 5734-UT2
32	LY28-6766-2			OS/MVT & OS/VVS2 TSO DATA UTILITIES: COPY, FCRMAT, LIST, MERGE:
				LOGIC MANUAL, PROG. NO. 5734-UT1
36	LY28-6832-1			IBM SYSTEM/360 OS/DOS ITF PROGRAM LOGIC INTRODUCTION AND METHOD
				OF OPERATION PROGRAM NUMBERS 5734-RC1, 5734-RC3, 5736-RC1,
				5736-RC2
36	LY28-6833-1	LN28-0455		IBM SYSTEM/360 OS/DOS ITF PROGRAM LOGIC INITIALIZATION SYSTEM
				CONTROL, AND SYSTEM SUPPORT PROGRAM LOGIC MANUAL - PROGRAM
				NUMBERS 5734-RC1, 5734-RC3, 5736-RC1, 5736-RC2
36	LY28-6834-3			IBM SYSTEM/360 OS/DOS ITF PROGRAM LOGIC LANGUAGE COMPONENT
				CONTROLLER PROGRAM LOGIC MANUAL PROGRAM NUMBERS 5734-RC1,
				5734-RC3, 5736-RC1, 5736-RC2
29	LY28-6835-1	LN28-0442		IBM SYSTEM/360 OS/DOS ITF PL/I PROGRAM LOGIC LANGUAGE
				COMPONENT: PL/I ROUTINES PROGRAM NUMBERS 5734-RC1, 5736-RC1
23	LY28-6836-0	LN28-0420	LN28-0429	IBM SYSTEM/360 OS/DOS ITF PROGRAM LOGIC LANGUAGE COMPONENT:
		LN28-0443		BASIC ROUTINES PROGRAM NUMBERS 5736-RC2, 5734-RC3
36	LY28-6837-3	LN28-0456		IBM SYSTEM/360 OS/DOS ITF PROGRAM LOGIC LANGUAGE COMPONENT:
				COMMON ROUTINES AND REFERENCE DATA PROGRAM NUMBERS 5734-RC1,
				RC3, 5736-RC1, RC2
20	LY28-6840-1			INDEX FOR THE OS/DOS ITF PLM, PROG. NOS. 5734-RC1 AND 3,
				5736-RC1 AND 2
25	LY28-6846-1	LN28-1014		CODE AND GO FORTRAN PROCESSOR FOR OS & VM/370 (CMS): PROGRAM
				LOGIC, PROG. NO. 5734-FO1
30	SY28-6849-4	SN24-5580		OS/VVS1 RES RTAM AND WORKSTATION SUPPORT LOGIC
	SD25-0021			
25	LY28-6856-0	LN28-1013		FORTRAN IV (G1) COMPILER FOR OS & VM/370 (CMS), LOGIC, PROG
				PROD 5734-FO2
30	GY30-1024-0	GN30-3089		OS/VVS TCAM PROGRAM REFERENCE SUMMARY TCAM LEVEL 10: 5741-602
				(OS/VVS1 SUID); 5742-UY99915 (OS/SVS ICR); 5752-836 (OS/MVS
				SUID)
38	GY30-2011-1	GN28-0599	GN28-0614	OS/MFT, OS/MVT, AND OS/VVS1: CRJE LOGIC
		GN28-0617		
30	SY30-2039-3			OS/VVS TCAM LOGIC - PROGRAM NUMBER 5741-SC1-21
30	SY30-2040-1	SN30-3038	SN30-3050	OS/VVS2 TCAM (LEVEL 8) LOGIC
		SN30-3512		
30	SY30-2049-2	SN30-3042		OS/VVS TCAM (LEVEL 5) LOGIC
30	SY30-2069-1	SN30-3051	SN30-3509	OS/VVS1 TCAM (LEVELS 8 & 9) LOGIC
30	GY30-3000-1			3735 PROGRAMMABLE BUFFERED TERMINAL FORM DESCRIPTION MACRO
				INSTRUCTIONS & FORM DESCRIPTION UTILITY PROGRAM LOGIC MANUAL
				(OS, DOS & VS SYSTEMS)
30	SY30-3001-2	SN30-3072		3704 & 3705 COMMUNICATION CONTROLLERS EMULATION PROGRAM:
				PROGRAM LOGIC MANUAL
30	LY30-3004-2			GENERATION AND LOGIC MANUAL FOR PROGRAMMING RPQ P85007 SPECIAL
				START-STOP LINE CONTROL FOR IBM 3704 & 3705 EMULATION
				PROGRAM, PROG. NO. 5799-AGK
30	LY30-3005-0			GENERATION AND LOGIC MANUAL FOR PROGRAMMING RPQ P85004, SIX BIT
				TRANSCODE FOR IBM 3705 EMULATION PROGRAM PROGRAM NO. 5799-AGA
14	SY30-3006-2			IBM 3705 EMULATION PROGRAM GENERATION AND LOGIC MANUAL FOR
				PROGRAM SUPPORT FOR HARDWARE RPQ M26099 SABRE LINE CONTROL
30	SY30-3007-0			3704, 3705 NCP/VVS VERSION 2 LOGIC
30	LY30-3009-0			IBM 3705 EMULATION PROGRAM GENERATION AND LOGIC MANUAL FOR
				PROGRAMMING RPQ P85005, SPECIAL SYNCHRONOUS LINE CONTROL
				PROGRAM NO. 5799-AFY
30	LY30-3010-1			3704 & 3705 EMULATION PROGRAM GENERATION & LOGIC MANUAL FOR
				PROGRAMMING RPQ P85003 USASCII TRANSPARENCY BSC LINE CONTROL
				PROGRAM NUMBER 5799-AFZ
30	LY30-3011-1			IBM 3705 EMULATION PROGRAM GENERATION AND LOGIC MANUAL FOR
				PROGRAMMING RPQ P85009, SELECTIVE CALLING LINE CONTROL
30	GY30-3012-5	GN30-3096	GN30-3122	3704 & 3705 PROGRAM REFERENCE HANDBOOK
30	SY30-3013-4			3704 & 3705 NCP/VVS VERSION 5 LOGIC
14	SY30-3014-1			IBM 3705 EMULATION PROGRAM GENERATION AND LOGIC MANUAL FOR RPQ
				858663, PLOTTER ADAPTER - PSHRPQ P85008 - PROG. NO. 5799-WFA
30	LY30-3016-0			IBM 3705 EMULATION PROGRAM GENERATION AND LOGIC MANUAL FOR
				PROGRAMMING RPQ P85015, VIRTUAL 50 LINE SUPPORT - PROG. NO.
				5799-AKQ
30	LY30-3023-1			IBM 3704 AND 3705 EMULATION PROGRAM GENERATION AND LOGIC MANUAL
				FOR PROGRAMMING RPQ P85010, TELEGRAPH FULL - DUPLEX LINE
				CONTROL - PROG. NO. 5799-AGN
30	** SY30-3024-0	** SN30-3071		IBM 3650 SUBSYSTEM PROGRAM PREPARATION SUPPORT TRANSFORMATION
				DEFINITION LANGUAGE TRANSLATOR LOGIC
50	SY30-3029-1	SN30-3121		IBM 3705 ADVANCED COMMUNICATION FUNCTION FOR NETWORK CONTROL
				PROGRAM/VVS (VERSION 6) HANDBOOK, NCP 5735-XX1; EP OS
				360H-TX-035; OS/VVS 5744-AN1; DOS/VVS 5747-AG1
50	LY30-3030-0	LN30-3107		IBM 3705 ADVANCED COMMUNICATIONS FUNCTION FOR NETWORK CONTROL
				PROGRAM/VVS, NCP VER 6, LIC PROG 5735-XX1, XX3, LOGIC
30	SY30-3031-1	SN30-3095		3705 COMMUNICATIONS CONTROLLER EMULATION LOGIC (CURRENT
				RELEASE)
30	SY30-3032-2			OS/VVS2 TCAM LEVEL 10 LOGIC SELECTABLE UNIT (SU) IDENTIFIERS:
				5741-602 (OS/VVS1 SU ID), 5742-UY99915 (OS/SVS ICR); 5752-836
				(OS/MVS SU ID)
30	LY30-3035-0			IBM 3705 EMULATION PROGRAM GENERATION AND LOGIC FOR PRPQ
				805021, PROG 5799-ATD
50	LY30-3036-1			ADVANCED COMMUNICATION FUNCTION FOR TCAM LOGIC PROG PROD

	LD21-0002			5735-RC1
50	LY30-3037-0	LN30-3113		ADVANCED COMMUNICATION FUNCTION FOR TCAM, LIC PROG 5735-RC1,
	LD21-0003	LN21-0001		REFERENCE SUMMARY
50	LY30-3039-2	LN30-3178		ADVANCED COMMUNICATION FUNCTION FOR TCAM LOGIC
50	LY30-3041-0	LN30-3136	LN30-3147	ACF/NCP/VIS NETWORK CONTROL PROGRAM, LIC PROG 5735-XX1, LOGIC (CURRENT RELEASE)
50	**LY30-3042-2	**LN30-3189		ACF/TCAM, VERSION 2, LIC PROG 5735-RC3, REFERENCE SUMMARY
50	LY30-3043-1	**LN30-3200		ACF/NCP/VIS NETWORK CONTROL PROGRAM, LIC PROG 5735-XX1, RELEASE 2 PROGRAM REFERENCE SUMMARY
30	LY30-3051-0			3705 GENERATION AND LOGIC MANUAL FOR PROGRAMMING RPQ P85032, PARTITIONED EMULATION PROGRAM EXTENDED FEATURES LIC PROG 5799-BAF
50	**LY30-3052-0	**LN30-3190		ACF/TCAM, VERSION 2, LIC PROG 5735-RC3, DIAGNOSIS REFERENCE
50	**LY30-3057-0	**LN30-3196		ACF/NCP/VIS NETWORK CONTROL PROGRAM, LIC PROG 5735-XX1, LOGIC
50	**LY30-3058-0	**LN30-3197		ACF/NCP/VIS, NETWORK CONTROL PROGRAM, LIC PROG 5735-XX1 RELEASE 3.0, PROGRAM REFERENCE SUMMARY
50	**LY30-3059-0			ACF/NCP/VIS SYSTEM SUPPORT PROGRAM, LIC PROG 5735-XX1, -XX3, DIAGNOSIS REFERENCE
30	LY30-3067-0			3705 EMULATION PROGRAM GENERATION AND LOGIC MANUAL FOR PROGRAM SUPPORT FOR HARDWARE RPQ V668805, LICRA LINE CONTROL 5799-ATD
30	SY32-5042-0	SN32-0115	**SN32-0147	3851 MASS STORAGE FACILITY THEORY OF OPERATIONS: CARTRIDGE STORE
07	SY32-5043-0	SN32-0127		MASS STORAGE FACILITY THEORY OF OPERATIONS: MASS STORAGE CONTROL
30	SY32-5044-0			3851 MASS STORAGE FACILITY THEORY OF OPERATIONS: DATA RECORDING CONTROL AND DATA RECORDING DEVICE
30	SY32-5045-0	SN32-0125		3851 MASS STORAGE FACILITY: REFERENCE
29	LY33-6007-1	LN33-6176		OS PL/I OPTIMIZING COMPILER: PROGRAM LOGIC MANUAL PROGRAM NUMBER 5734-PL1
29	LY33-6008-1	LN33-6181		SYSTEM/360 OPERATING SYSTEM PL/I RESIDENT LIBRARY: PROGRAM LOGIC MANUAL - PROGRAM NUMBER 5734-LM4
29	LY33-6009-1	LN33-6149	LN33-6182	OS PL/I TRANSIENT LIBRARY: PROGRAM LOGIC MANUAL PROGRAM NUMBER 5734-LM5
29	LY33-6010-1	LN33-6079	LN33-6115	DOS PL/I OPTIMIZING COMPILER, LIC PROG 5736-PL3, -PL1, LOGIC (CURRENT RELEASE)
29	LY33-6011-1	LN33-6175	LN33-6179	DOS PL/I RESIDENT LIBRARY, LIC PROG 5736-PL3, -LM4, LOGIC (CURRENT RELEASE)
29	LY33-6012-1	LN33-6180		DOS PL/I TRANSIENT LIBRARY, LIC PROG 5736-PL3, -LM5, LOGIC (CURRENT RELEASE)
29	LY33-6013-2	LN33-6177		OS PL/I CHECKOUT COMPILER: PROGRAM LOGIC VOLUME 1 OF 2, PROGRAM NUMBER 5734-PL2
29	LY33-6014-1	LN33-6178		SYSTEM/360 OPERATING SYSTEM PL/I CHECKOUT COMPILER PROGRAM LOGIC, VOLUME 2 OF 2 - PROGRAM NUMBER 5734-EL2
50	LY33-6028-1	LN33-6252		CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VIS), LIC PROG 5746-XX3, LOGIC
50	LY33-6029-1	LN33-6253		CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE, LIC PROG 5740-XX1, LOGIC
50	SY33-6030-0			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VIS), LIC PROG 5740-XX1, 5746-XX3, PROBLEM DETERMINATION
50	**LY33-6032-0			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VIS), LIC PROG 5746-XX3, LOGIC
50	LY33-6033-1			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VIS), LIC PROG 5746-XX3, DATA AREAS (DOS/VIS) CURRENT RELEASE)
50	LY33-6034-0			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VIS), LIC PROG 5740-XX1, LOGIC
50	**LY33-6035-1			CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE (CICS/VIS), LIC PROG 5740-XX1, PROGRAM LOGIC: DATA AREAS (OS/VIS)
35	SY33-7008-0	SN33-7019	SN33-7022	1401/1440/1460 DOS EMULATOR ON SYSTEM/370: LOGIC, PROG. NOS. 370N-EU-490 (DOS), 5745-SC-EML (DOS/VIS)
		SN33-7033	SN33-7042	
		SN33-7054		
35	SY33-7009-0	SN33-7020	SN33-7023	1410/7010 DOS EMULATOR ON SYSTEM/370 LOGIC, PROG. NOS. 370N-EU-490 (DOS), 5745-SC-EML (DOS/VIS)
		SN33-7031	SN33-7055	
35	SY33-7010-1	SN33-7053	SN33-7064	MODEL 20 EMULATOR ON SYSTEM/370 USING DOS AND DOS/VIS LOGIC - PROG. NOS. 370N-IC-002 AND 5745-SC-E20
		SN33-7069		
35	SY33-7011-1			1401/1440/1460 OS EMULATOR ON SYSTEM/370 LOGIC - PROGRAM NUMBERS 5744-AH1 AND 360C-EU-735
35	SY33-7015-0	SN33-7074	SN33-7082	DOS TO OS/VIS EMULATOR: LOGIC, PROG. NO. 5744-AS1
		SN33-7099		
35	SY33-7016-0	SN33-7097		1401/1440/1460 OS/VIS EMULATOR ON SYSTEM/370, LOGIC - PROG. NO. 5744-AH1
35	SY33-7017-0			1410/7010 OS/VIS EMULATOR ON SYSTEM/370 - LOGIC, PROG. NO. 5744-AG1
35	GY33-7018-0			DOS TO OS EMULATOR - LOGIC PROGRAM NUMBER 360C-EU-738
35	GY33-7019-0			1401/1440/1460 OS/MPT AND OS/MVT EMULATOR ON SYSTEM/370 - LOGIC, PROG. NO. 360C-EU-735
35	GY33-7020-0			1410/7010 OS/MPT AND OS/MVT EMULATOR ON SYSTEM/370 LOGIC PROG. NO. 360C-EU-736
33	LY33-8038-0	LN33-8189	LN33-8224	DOS/VIS SORT/MERGE LOGIC - PROGRAM NUMBER 5746-SM1
		LN33-8243		
33	LY33-8039-1			DOS SORT/MERGE PROGRAM LOGIC MANUAL PROGRAM NUMBER 5743-SM1
21	SY33-8041-1	SN33-8192	SN33-8238	OS/VIS, VM/370 ASSEMBLER LOGIC
33	LY33-8042-6	**LN20-9329	**LN20-9345	OS/VIS SORT/MERGE LOGIC - PROG. PROD. 5740-SM1
33	LY33-8044-2	**LN20-9340		DOS/VIS SORT/MERGE V2, LIC PROG 5746-SM2, LOGIC (CURRENT RELEASE)
36	GY33-8532-0	GN33-8725		DOS VERSION 4 LOGICAL TRANSIENTS, LOGIC - PROG. 370N-CL-453
36	GY33-8533-0			INTRODUCTION TO DOS VERSION 4 LOGIC - PROGRAM NUMBER 370N-CL-453
36	GY33-8537-0	GN33-8728		DOS VERSION 4 SYSTEM SERVICE PROGRAMS - PROGRAM LOGIC, PROG. NO. 370N-CL-453
31	GY33-8539-0			SYSTEM/370 DOS VERSION 4 LIBRARIAN-PROGRAM LOGIC MANUAL - PROGRAM NUMBER 370N-CL-453
36	GY33-8542-0	GN33-8731	GN33-8751	DOS VER. 4 IPL AND JCL LOGIC - PROG. NO. 370N-CL-453
30	GY33-8543-0	GN33-8732		DOS VERSION 4 LIACS INTRODUCTION VOLUME 1 - PROGRAM LOGIC MANUAL - PROGRAM NUMBERS 370N-CL-453, 370N-IO-454, 370N-IO- 455, -456, -457, -458, -477, -478

30	GY33-8544-0	GN33-8733	GN33-8749	DOS VER. 4 LIOCS VOL. 2, LOGIC - PROG. NO. 370N-CL-453 370N-IO-477, 370N-IO-456, 370N-IO-478, 370N-IO-458
30	GY33-8545-0	GN33-8734		DOS VERSION 4 LIOCS VOLUME 3-SAM AND DAM FCR DASD- PROGRAM LOGIC MANUAL - PROGRAM NUMBERS 370N-IO-455, 370N-IO-454
30	GY33-8546-0			DOS VERSION 4 LIOCS VOLUME 4 - ISAM - PROGRAM LOGIC MANUAL - PROGRAM NUMBER 370N-IO-457
32	GY33-8547-0			DOS VERSION 4 SYSTEM UTILITIES - PROGRAM NUMBER 370N-UT-491
39	SY33-8548-3			OS/VS2 TSO COMMAND PROCESSOR LOGIC VOLUME II: EDIT
	**SD23-0212			
36	SY33-8551-5			DOS/VSE SUPERVISOR LOGIC
	SD12-5000			
37	SY33-8552-3			DOS/VSE ERROR RECOVERY AND RECORDING TRANSIENTS LOGIC
36	SY33-8553-4			DOS/VSE LOGICAL TRANSIENTS AND DUMP PHASES LOGIC
	SD12-5001			
37	SY33-8554-4			DOS/VSE SERVICEABILITY AIDS LOGIC
	SD12-5002			
36	SY33-8555-4			DOS/VSE INITIAL PROGRAM LOAD AND JOB CONTROL LOGIC
	SD12-5003			
31	SY33-8556-3			DOS/VSE LINKAGE EDITOR LOGIC
	SD12-5004			
31	SY33-8557-4	SN33-9266		DOS/VSE LIBRARIAN LOGIC
	SD12-5005			
32	SY33-8558-2			DOS/VSE SYSTEM UTILITIES LOGIC
	SD12-5006			
30	SY33-8559-4			DOS/VSE LIOCS VOLUME 1, GENERAL INFORMATION AND IMPERATIVE MACROS LOGIC
	SD25-0012			
30	SY33-8560-4			DOS/VSE LIOCS VOLUME 2 SAM LOGIC
	SD25-0023			
30	SY33-8561-2			DOS/VSE LIOCS VOLUME 3 DAM AND ISAM LOGIC
30	SY33-8562-5			DOS/VS LIOCS VOLUME 4: VSAM LOGIC
30	SY33-8564-3	SN24-5550		DOS/VS ACCESS METHOD SERVICES LOGIC
38	SY33-8566-1	SN33-9165		DOS/VS POWER RJE PROGRAM LOGIC
21	SY33-8567-1			DOS/VSE ASSEMBLER LOGIC
37	SY33-8568-2	SN25-0337	SN33-9272	DOS/VSE OLTEP LOGIC
20	SY33-8572-4			DOS/VS HANDBOOK VOLUME 2
35	SY33-8573-0	SN33-7070	SN33-7076	1401/1440/1460 DOS/VS EMULATOR ON SYSTEM/370 LOGIC PROG PROD
		SN33-7094	SN33-7101	5747-CC3
35	SY33-8574-0	SN33-7077	SN33-7095	1410/7010 DOS/VS EMULATOR ON SYSTEM/370 LOGIC PROG PROD
		SN33-7102		5747-CC3
35	SY33-8575-0	SN33-7075	SN33-7092	MODEL 20 DOS/VS EMULATOR ON SYSTEM/370 LOGIC
		SN33-7104		
36	SY33-8576-1	SN33-9240		DOS/VS POWER/VS LOGIC PART 1
36	SY33-8577-1	SN33-9241		DOS/VS POWER/VS LOGIC PART 2
28	LY33-9062-2			DOS/VS RPG II, LIC PROG 5746-RG1, LOGIC (CURRENT RELEASE)
36	LY33-9063-0			SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS SUPERVISOR LOGIC, 5746-XE2
36	LY33-9064-0			SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS LOGICAL TRANSIENTS LOGIC, 5746-XE2
37	LY33-9065-0			SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS SYSTEM SERVICEABILITY LOGIC, 5746-XE2
36	LY33-9066-0			SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS IPL & JOB CONTROL LOGIC, 5746-XE2
31	LY33-9067-0			SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS LINK EDIT LOGIC, 5746-XE2
31	LY33-9068-0			SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS LIBRARIAN LOGIC, 5746-XE2
32	LY33-9069-0			SUPPLEMENT FOR ADVANCED FUNCTIONS TO DOS/VS SYSTEM UTILITIES LOGIC, 5746-XE2
20	LY33-9070-0			SUPPLEMENT TO SY33-8571-6 ADVANCED FUNCTION - DOS/VS
34	SY33-9079-0			DOS/VSE MAINTAIN SYSTEM HISTORY PROGRAM (MSHP) 5745-020 LOGIC
35	LY33-9082-0			1401/1440/1460 EMULATOR, LIC PROG 5746-SU1 LOGIC
36	**LY33-9083-1			VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, -XE9, DIAGNOSIS REFERENCE: LOGICAL TRANSIENTS AND \$IJBXXX PHASES (CURRENT RELEASE)
36	**LY33-9084-1			VSE/ADVANCED FUNCTIONS DIAGNOSIS REFERENCE, LIC PROG 5746-XE8, -XE9, INITIAL PROGRAM LOAD AND JOB CONTROL (CURRENT RELEASE)
31	**LY33-9085-0	**LN33-9299		VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, -XE9, DIAGNOSIS REFERENCE: LINKAGE EDITOR (CURRENT RELEASE)
37	**LY33-9086-1			VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, -XE9, DIAGNOSIS REFERENCE: AIDS (CURRENT RELEASE)
31	**LY33-9087-0	**LN33-9300		VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE9 COMPONENT ID 5745-SC-LER RELEASE 2, DIAGNOSIS REFERENCE: LIBRARIAN CURRENT RELEASE
32	**LY33-9088-0	**LN33-9301		VSE/ADVANCED FUNCTIONS DIAGNOSIS REFERENCE, LIC PROG 5746-XE8, -XE9, SYSTEM UTILITIES (CURRENT RELEASE)
34	**LY33-9089-1			VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, DIAGNOSIS REFERENCE MAINTAIN SYSTEM HISTORY PROGRAM (CURRENT RELEASE)
32	LY33-9090-0			VSE/FAST COPY DATA SET, LIC PROG 5746-AM4, DIAGNOSIS REFERENCE (CURRENT RELEASE)
36	**LY33-9091-1			VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, COMPONENT IDS 5745-SC-SUP, -AIT, -DKE, DIAGNOSIS REFERENCE SUPERVISOR (CURRENT RELEASE)
37	**LY33-9092-0	**LN33-9297		VSE/ADVANCED FUNCTIONS, LIC PROG 5746-XE8, -XE9, DIAGNOSIS REFERENCE: ERROR RECOVERY AND RECORDING TRANSIENTS
36	**LY33-9094-1			VSE/POWER, LIC PROG 5746-XE3, HANDBOOK
37	LY33-9095-1			VSE/IPCS HANDBOOK RELEASE 1, LIC PROG 5746-SA1
39	**LY33-9096-1			VSE/ICCF, LIC PROG 5746-TS1, HANDBOOK
40	**LY33-9097-0			VSE/OPERATOR COMMUNICATION CONTROL FACILITY, LIC PROG 5746-XC5 DIAGNOSIS REFERENCE
39	**LY33-9098-0			VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5746-TS1, DIAGNOSIS REFERENCE (CURRENT RELEASE)
20	LY33-9101-0			VSE/ADVANCED FUNCTION LIC PROG 5746-XE8, HANDBOOK (CURRENT RELEASE)
36	GY34-0019-1	GN30-3125		DISTRIBUTED INTELLIGENCE SYSTEM OS/VS1: LOGIC, PROG. NO. 5744-BK1

30	SY35-0003-3			OS/VS1 CATALOG MANAGEMENT LOGIC
39	SY35-0004-2			OS/VS2 TSO COMMAND PROCESSOR LOGIC VOLUME III: TEST REL 2, 3, 3.6; WITH SN28-2629, REL 3.7
32	SY35-0005-5	SN26-0910	SN26-0925	OS/VS UTILITIES LOGIC
	SD26-6026	SN26-0954	SN26-0980	
	**SD26-6034			
30	SY35-0008-2			OS/VS1 ACCESS METHOD SERVICES LOGIC
	SD26-6010			
	SD26-6014			
30	SY35-0010-3			OS/VS2 ACCESS METHOD SERVICES LOGIC
	SD26-6009			
	SD26-6013			
30	SY35-0011-1	SN26-0860		OS/VS2 CVOL PROCESSOR LOGIC
30	SY35-0012-3	SN35-0061	SN35-0071	OS/VS1 MASS STORAGE SYSTEM COMMUNICATOR (MSSC) LOGIC
		SN35-0104	**SN35-0152	
		**SN35-0184		
30	SY35-0013-3	SN35-0062	SN35-0073	OS/VS2 MASS STORAGE SYSTEM COMMUNICATOR (MSSC) LOGIC
		SN35-0105	SN35-0123	
		**SN35-0153	**SN35-0186	
30	SY35-0014-2	SN35-0056	SN35-0063	OS/VS MASS STORAGE CONTROL (MSC) TRACE REPORTS LOGIC
		**SN35-0144		
30	SY35-0015-3	SN35-0064	SN35-0108	OS/VS MASS STORAGE SYSTEM (MSS) SERVICES LOGIC
		SN35-0139	**SN35-0148	
30	SY35-0016-4	SN35-0077	SN35-0124	OS/VS MASS STORAGE CONTROL (MSC) TABLE CREATE LOGIC
30	**LY35-0026-2			OS/VS2 MVS HIERARCHICAL STORAGE MANAGER, LIC PROG 5740-XRB, LOGIC (CURRENT RELEASE)
50	**LY35-0028-1			IMS/VS DATA BASE RECOVERY CONTROL FEATURE, LIC PROG 5740-XX2, LOGIC
30	SY35-0029-0	SN35-0069	SN35-0131	OS/VS MSS DATA ANALYZER LOGIC
30	**SY35-0030-2			DEVICE SUPPORT FACILITIES, SUID 5752-884, LOGIC (CURRENT RELEASE)
37	SY35-0032-0			OS/VS MASS STORAGE SYSTEM, SCP 5741-SCI-DS
30	LY35-0037-0	LN35-0072	LN35-0106	OS/VS1 MASS STORAGE SYSTEM EXTENSIONS LOGIC: MSS COMMUNICATOR (MSSC)
		**LN35-0154	**LN35-0185	
30	LY35-0038-0	LN35-0074	LN35-0107	OS/VS2 MVS MASS STORAGE SYSTEM EXTENSIONS MSS COMMUNICATOR (MSSC), LIC PROG 5740-XYG, LOGIC
		LN35-0122	**LN35-0155	
		**LN35-0187		
30	LY35-0039-0	LN35-0109	LN35-0140	OS/VS MASS STORAGE SYSTEM EXTENSIONS LOGIC: MSS SERVICES, LIC PROG 5740-XYG
50	**LY38-3010-2	**LN35-0149		NETWORK COMMUNICATIONS CONTROL FACILITY LIC PROG 5735-XX6 LOGIC (CURRENT RELEASE)
50	**SY38-3012-1			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY LIC PROG 5746-RC7, DIAGNOSTIC TECHNIQUES (CURRENT RELEASE)
50	LY38-3013-1	**LN31-1233		ACF/VTAME, LIC PROG 5746-RC7, LOGIC OVERVIEW (CURRENT RELEASE)
50	LY38-3014-1	**LN31-1234		ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY, LIC PROG 5746-RC7, LOGIC (CURRENT RELEASE)
50	LY38-3016-1	LN31-1198	**LN31-1236	ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ENTRY LIC PROG 5746-RC7, DATA AREAS (CURRENT RELEASE)
50	**LY38-3018-3			NETWORK TERMINAL OPTION, LIC PROG 5735-XX7, DIAGNOSIS & LOGIC
50	**SY38-3020-2			ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5746-RC3, DIAGNOSTIC TECHNIQUES (CURRENT RELEASE)
50	LY38-3021-1			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) RELEASE 2, LIC PROG 5746-RC3, 5735-RC2 (OS) LOGIC: OVERVIEW (CURRENT RELEASE)
50	**LY38-3022-1			ADVANCED COMMUNICATION FUNCTION FOR VTAM, LIC PROG 5746-RC3, DIAGNOSIS REFERENCE (CURRENT RELEASE)
50	**LY38-3023-1			ADVANCED COMMUNICATIONS FUNCTION FOR BTAM (ACF/VTAM) LOGIC: MULTISYSTEM NETWORKING FACILITY, LIC PROG 5746-RC3, 5735-RC2, RELEASE 3
50	LY38-3024-0			ACF/VTAM, LIC PROG 5746-RC3, LOGIC VOLUME 2: PROGRAM ORGANIZATION AND MODULE DIRECTORY (CURRENT RELEASE)
50	**LY38-3025-1			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM ACF/VTAM ENCRYPT/DECRYPT FEATURE, LIC PROG 5735-RC2, RELEASE 2
50	**LY38-3026-2			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM) LIC PROG 5746-RC3, DATA AREAS (CURRENT RELEASE)
50	**LY38-3027-2			ADVANCED COMMUNICATION FUNCTION FOR VTAM, LIC PROG 5735-RC2, DIAGNOSIS REFERENCE
50	**SY38-3029-2			ADVANCED COMMUNICATIONS FUNCTION FOR VTAM (ACF/VTAM), LIC PROG 5735-RC2, DIAGNOSTIC TECHNIQUES
50	**LY38-3030-2	**LN31-1256		ACF/VTAM, LIC PROG 5735-RC2, DATA AREAS
50	LY38-3032-0			ADVANCED COMMUNICATION FUNCTION FOR VTAM (ACF/VTAM) LOGIC: BASE SYSTEM VOLUME 2 PROGRAM ORGANIZATION AND MODULE DIRECTORY ACF/VTAM RELEASE 2
50	LY38-3033-0	LN31-1222		VIRTUAL MACHINE VTAM COMMUNICATIONS NETWORK APPLICATION LOGIC
95	S2C0-0021-13	S2C0-2609	S2C0-2610	DOS/VS EARLY WARNING MICROFICHE
		S2C0-2611	S2C0-2612	
		**S2C0-2613	**S2C0-2614	
		**S2C0-2615	**S2C0-2616	
		**S2C0-2617	**S2C0-2618	
		**S2C0-2619	**S2C0-2620	
95	S2C0-0031-21	**S2C0-2899	**S2C0-2904	EARLY WARNING MICROFICHE - OS/VS
		**S2C0-2905	**S2C0-2906	
		**S2C0-2907	**S2C0-2908	
		**S2C0-2909	**S2C0-2910	
		**S2C0-2911	**S2C0-2912	
		**S2C0-2913		
95	S2C0-0051-2	**S2C0-4849	**S2C0-4850	MICROFICHE - EARLY WARNING 2025 AND LARGER FILE CARD
		**S2C0-4851	**S2C0-4852	
		**S2C0-4853	**S2C0-4854	
		**S2C0-4855	**S2C0-4856	
95	S2C0-0351-16*	S2C0-1100	S2C0-1101	EARLY WARNING, UNIQUE WORLD TRADE, GENERAL INFORMATION
		S2C0-1102	**S2C0-1103	
95	S2C0-2003-0	S2C0-4600	S2C0-4601	WORLD TRADE EARLY WARNING PROGRAMMING SYSTEMS
		S2C0-4602	S2C0-4603	

95	**S2C0-7275-35	S2C0-4604	**S2C0-4605	3881/3886 ENGINEERING CHANGE ANNOUNCEMENTS AND SERVICE AIDS
36	**G229-2228-23+	**GN25-0007	**GN25-0018	FIELD ENGINEERING PROGRAMMING SYSTEM GENERAL INFORMATION
		**GN25-0019		
05	S232-0003-3			3420 OPERATOR'S GUIDE
05	G232-0004-3			3410/3411 OPERATOR'S GUIDE
05	**G232-0005-2			8809 MAGNETIC TAPE UNIT OPERATOR'S GUIDE
85	**G310-0012-14*			MARKETING PUBLICATIONS KWIC INDEX/WORLD TRADE ONLY
39	G320-1238-6			S/360 - S/370 MCGILL UNIVERSITY SYSTEM FOR INTERACTIVE COMPUTING GENERAL INFORMATION MANUAL - PROGRAM NUMBER 5796-AAT
87	**G320-1244-16	**GN23-1147		CUSTOMER EDUCATION COURSE CATALOG
39	G320-1408-3			S/370 MCGILL UNIVERSITY SYSTEM FOR INTERACTIVE COMPUTING (MUSIC) RELEASE 2: IUP 5796-AAT NOTICE
50	G320-1523-1			DBPROTOTYPE (5796-PBB), IMSMAP (5796-PBC), PLIMS (5796-PBF), BTS (5796-PBD), TEST IMS UTILITIES (5796-PBE) ARE NOW READY FOR SHIPMENT AVAILABILITY NOTICE
50	G320-1529-0			3270 FORMATTING FEATURE FOR BATCH TERMINAL SIMULATOR IUP 5796-PBD - NOTICE
37	G320-1530-0			TEST DATA GENERATOR FOR S/370, IUP 5796-PEF, NOTICE
50	G320-1532-0			DATA COMMUNICATION ANALYZER FOR IMS DB/DC (DCANALYZER): IUP 5796-PCA NOTICE
50	G320-1535-0			DB PROTOTYPE/VIS - IUP 5796-PCX, RELEASE NOTICE
50	G320-1538-0			IMSMAP/VIS - IUP 5796-PCY, RELEASE NOTICE
50	G320-1540-0			TEST IMS/VIS UTILITIES - IUP 5796-PDA, RELEASE NOTICE
36	G320-1542-0			JOB CONTROL LANGUAGE EDITOR - IUP 5796-PDC, NOTICE
50	G320-1544-2			INTERACTIVE QUERY & REPORT PROCESSOR (IQRP), IUP 5796-PDG, NOTICE
85	G320-1561-2			ENTERING AN SLSS SUBSCRIPTION
85	**G320-1621-40+			MARKETING PUBLICATIONS KWIC INDEX (USA)
85	G320-4267-4			APL APPLICATION PROGRAMS - REFERENCE SUMMARY
85	G320-5394-0			A GUIDE TO ESTABLISHING, ORGANIZING, AND MAINTAINING A SYSTEM LIBRARY
37	G320-5537-1			AUTOMATED UNIT TEST, IUP 5796-PEB, 5796-PEC, NOTICE
34	G320-5539-3			VS/REPACK, IUP 5796-PDZ, NOTICE
30	G320-5540-3			WIDEBAND COMMUNICATIONS SYSTEM, IUP 5796-PDJ, NOTICE
21	G320-5541-0			ASSEMBLER W/CMS INTERFACE, IUP 5796-PEJ, NOTICE
21	G320-5542-0			RCA TDOS ASSEMBLER TO O/S ASSEMBLER CONVERSION AID, IUP 5796-PEX, NOTICE
34	G320-5547-1			SYSTEM DIRECTORY LIST OPTIMIZER, IUP 5796-PFH, NOTICE
30	G320-5550-0			DISK VOLUME MAP PROGRAM, IUP 5796-PFL, NOTICE
24	G320-5551-0			ISAM TO DL/I COBOL TRANSLATOR, IUP 5796-PFE, -PFC, NOTICE
50	G320-5652-0			IMS SPACE MANAGEMENT UTILITIES, IUP 5796-PFW NOTICE
39	G320-5653-1			TSO/CODES UPDATE SYSTEM, IUP 5796-PFR NOTICE
50	G320-5654-0			OS/DOS CICS/VIS COBOL CALL INTERFACE, IUP 5796-AHK NOTICE
23	G320-5658-1			VS BASIC INTERACTIVE DATA SYSTEM, IUP 5796-PFT, NOTICE
50	G320-5660-0			DL/I HDAM DATA BASE TUNING AID, IUP 5796-AKF, NOTICE
29	G320-5666-1			PL/I F TO PL/I OPTIMIZER CONVERSION AID IUP 5796-ARG, NOTICE
50	G320-5667-0			IMS TRANSACTION PROFILES, IUP 5796-PGG, NOTICE
50	G320-5668-0			CICS VIDEO EXTENSIONS: VIDEO SUPPORT AIDS, IUP 5796-AKK, NOTICE
30	G320-5670-1			MINIMIZE DASD I/O INTERFERENCE, IUP 5796-PGD, NOTICE
34	G320-5672-0			GTF VTAM BUFFER ANALYSIS, IUP 5796-PGF, NOTICE
34	G320-5673-0			MVS SEEK ANALYSIS PROGRAM, IUP 5796-PJC, NOTICE
34	G320-5674-0			MVS SYSTEM INFORMATION ROUTINES
34	G320-5675-0			GTF SUPERVISOR SERVICES ANALYZER, IUP 5796-PGE, NOTICE
30	G320-5676-1			MESSAGE SWITCHING SYSTEM, IUP 5796-AKP, 5796-AKN, NOTICE
34	G320-5679-2			DOS/VIS PERFORMANCE TOOL, IUP 5796-PGK, NOTICE
34	G320-5680-3			VSI PERFORMANCE TOOL, IUP 5796-PGL, NOTICE
34	G320-5681-2			SVS PERFORMANCE TOOL, IUP 5796-PGN, NOTICE
33	G320-5684-0			DISKETTE SORT PROGRAM, IUP 5796-PGJ, NOTICE
37	G320-5686-3			BATCH TERMINAL SIMULATOR II, IUP 5796-PGT, NOTICE
34	G320-5691-0			BATCH MONITOR FOR VM/370 CMS, IUP 5796-PGZ, NOTICE
50	G320-5697-0			DL/I BATCH MONITOR FOR DOS/VIS, IUP 5796-AKY, NOTICE
20	G320-5702-1			CATALOG OF LANGUAGE AND SORT PROGRAM PRODUCTS OS, DOS VM/370, CMS
39	G320-5708-0			VS APL FOR TSO, IUP 5796-ALB, NOTICE
50	G320-5710-1			TESTING AND DEBUGGING ONLINE WITH CICS/VIS, IUP 5796-AHJ, NOTICE
34	G320-5713-0			JES3 MONITORING FACILITY IUP 5796-PHR, NOTICE
34	G320-5714-2			SMF JOB DATA COMPRESSION AID IUP 5796-PHN, STORAGE DEVICE MIGRATION AID IUP 5796-PHP, NOTICE
34	G320-5716-0			VSAM CATALOG LIST, NOTICE, IUP 5796-ALQ, -ALR
34	G320-5718-1			MONITORING DOS/VIS SYSTEM FUNCTIONS, IUP 5796-ALX, NOTICE
39	G320-5719-0			TSO/IQRP INTERFACE, IUP 5796-PHZ, NOTICE
50	G320-5727-0			GIS AND GIS/VIS LIBRARY MAINTENANCE PROGRAM - IUP 5796-ANG, NOTICE
36	G320-5728-0			CMS EXEC LANGUAGE EXTENSIONS, IUP 5796-PJA, NOTICE
25	G320-5729-0			FORTRAN INTERACTIVE SUBROUTINE LIBRARY, IUP 5796-PHT, NOTICE
37	G320-5738-0			APL DECISION TABLE PROCESSOR - IUP 5796-PJB, NOTICE
30	G320-5741-0			DISK WORK FILE MANAGER FOR DOS/VIS - IUP 5796-ANK, NOTICE
30	G320-5742-2			MASS STORAGE CONTROL TABLE MAINTENANCE PROGRAM, NOTICE, IUP 5796-PHY
39	G320-5746-1			TSO/MSS ARCHIVER RELEASE NOTICE, IUP 5796-AJK
30	G320-5747-1			TELPAC COMMUNICATION COST, IUP 5796-PJH, NOTICE
50	**G320-5753-1			IMS SPACE MANAGEMENT UTILITIES II, NOTICE, IUP 5796-PJJ
50	G320-5754-2			DBPROTOTYPEII RELEASE II, IUP 5796-PJK, NOTICE
39	G320-5762-0			DISPLAY ORIENTED EDITING SYSTEM: IUP 5796-FJP, NOTICE
85	G320-5771-2			IMS/VIS VERSION 1 FUNCTION GUIDE, LIC PROG 5740-XX2
85	G320-5774-1			VSAM PRIMER AND REFERENCE
50	G320-5775-0			IMS/VIS VERSION 1 RELEASE 5 FAST PATH FEATURE DESCRIPTION AND DESIGN GUIDE
50	G320-5778-0	GG24-1517		OPERATOR FACILITY (AOP) INSTALLATION GUIDE
85	**G320-5780-0			DB/DC DATA DICTIONARY, LIC PROG 5740-XXF, 5746-XXC IMPLEMENTATION PRIMER (CURRENT RELEASE)
34	G320-5809-0			POWER/VIS CHARGEBACK SYSTEM, IUP 5796-AQJ, NOTICE
34	G320-5810-1			MSS TRACE/SMF CORRELATION AID, IUP 5796-PJX, RELEASE NOTICE

22	G320-5812-0	APL COMPUTER AIDED INSTRUCTION COURSE, IUP 5796-PJW, NOTICE
38	**G320-5813-3	OS/VS1 NETWORKING NODE TO MVS SVS AND VS1 - HCST NODE REMOTE ENTRY SYSTEM, IUP 5796-PJY, NOTICE (CURRENT RELEASE)
32	G320-5816-0*	LIBRARY PRINT PROGRAM FOR VSPC, LIC PROG 5785-EAA, NOTICE
32	G320-5820-0	IMS/VS ONLINE DATA MANAGEMENT UTILITY, IUP 5796-AQZ, NOTICE
30	G320-5821-0	3800 HIGH VOLUME PRINTING PROGRAM, IUP 5796-ARA, NOTICE
50	G320-5822-0	IMS/VS RESPONSE TIME MONITOR RELEASE NOTICE, IUP 5796-ARB
28	G320-5823-0	3741 REPORT GENERATOR, IUP 5796-ARC, NOTICE
21	G320-5824-0	GENERAL CROSS ASSEMBLER GENERATOR, IUP 5796-PKD, NOTICE
30	G320-5825-1	3800 90 DEGREE PRINT PROGRAM, S/370 OS/VS, DCS/VS, IUP 5796-ARE, -AWX, NOTICE
30	G320-5826-0	VSAMZAP FOR OS/VS, DOS/VS, IUP 5796-PKG, -FJQ, NOTICE
30	G320-5828-0	DOS/VS CHAINED CCW PRINT SUBROUTINE, IUP 5796-ARH, NOTICE
85	G320-5853-0	DALLAS SYSTEMS CENTER 4300 PRE-INSTALLATION TEST ACTIVITIES
85	G320-5854-0	DALLAS SYSTEMS CENTER ADVANCED COMMUNICATIONS FUNCTION/NETWORK CONTROL PROGRAM TUNING CONSIDERATIONS GUIDE50 1980
85	G320-5855-0	DALLAS SYSTEMS CENTER RUNNING JOB ENTRY SUB-SYSTEM 2/NETWORK JOB ENTRY (JES2/NJE) ON AN ADVANCED COMMUNICATIONS FUNCTION/VIRTUAL TELECOMMUNICATIONS ACCESS METHOD (ACF/VTAM) NETWORK
85	**G320-5858-0	DALLAS SYSTEMS CENTER TECHNICAL BULLETIN: DMS/CICS/VS PLANNING AND IMPLEMENTATION GUIDE
85	**G320-5859-0	DALLAS SYSTEMS CENTER VIRTUAL STORAGE EXTENDED/INTERACTIVE COMPUTING AND CONTROL FACILITY (VSE/ICCF) FOR THE SOURCE PROGRAM MAINTENANCE ONLINE/II (SPMOL/II) USER
85	**G320-5861-0	DALLAS SYSTEMS CENTER DOS/VSE UPDATE FOR DCS/VS USERS
85	**G320-5862-0	DALLAS SYSTEMS CENTER TECHNICAL BULLETIN - 4300 APPLICATION DEVELOPMENT ACTIVITIES AND REFERENCE
85	**G320-5863-0	DALLAS SYSTEMS CENTER APPLICATION DEVELOPMENT FACILITY (ADF) USAGE GUIDELINES
85	**G320-5864-0	DALLAS SYSTEMS CENTER TECHNICAL BULLETIN IMS/VS VERSION 1 RELEASE 1.6 INSTALLATION NOTEBOOK
85	**G320-5866-0	DALLAS SYSTEMS CENTER TECHNICAL BULLETIN - TUNING AND PROBLEM ANALYSIS FOR NCP SDLC DEVICES
85	**G320-5867-0	DALLAS SYSTEMS CENTER TECHNICAL BULLETIN - DOS/VSE SYSTEMS MANAGEMENT STARTER KIT
39	S320-5996-0	THE APL HANDBOOK OF TECHNIQUES
85	**G320-6004-2	DALLAS SYSTEMS CENTER TECHNICAL BULLETIN: INFORMATION MANAGEMENT SYSTEM/VIRTUAL STORAGE/MULTIPLE VIRTUAL STORAGE (IMS/VS/MVS) PERFORMANCE AND TUNING GUIDE VERSION 2
85	G320-6023-1	PALO ALTO SYSTEMS CENTER TECHNICAL BULLETIN SNA 3274/3276 INSTALLATION GUIDE
85	G320-6028-0	PALO ALTO SYSTEMS CENTER TECHNICAL BULLETIN SNA PRODUCT INSTALLATION GUIDE
85	G320-6029-0	PALO ALTO SYSTEMS CENTER TECHNICAL BULLETIN DCS/VS VSAM TUNING AND ISAM TO VSAM CONVERSION GUIDE
85	G320-6033-0	PALO ALTO SYSTEMS CENTER TECHNICAL BULLETIN, CICS/VS HIGH LEVEL PROGRAMMING INTERFACE
85	G320-6035-0	PALO ALTO SYSTEMS CENTER TECHNICAL BULLETIN IMS/VS AND OS/VS VSAM BUFFER OPTIONS (SHARED VERSUS NON-SHARED RESOURCES)
85	**G320-6043-2	DALLAS SYSTEMS CENTER TECHNICAL BULLETIN - 4300 PROJECT PLANNING METHOD
36	G320-6050-0	OS/VS1 PRIORITY QUEUE AGING PROCESSOR, IUP 5796-ARG, RELEASE NOTICE
50	G320-6053-0	DL/I CICS/VS TEST PROGRAM - STATE INDUSTRIES, INC., IUP 5796-ARN, NOTICE
50	G320-6054-1	IMS - APL DATA LINK FOR VSPC, IUP 5796-PLA, NOTICE
30	G320-6060-0	BULK DATA TRANSFER, IUP 5796-PKK, NOTICE
39	G320-6062-1	QUERY BY EXAMPLE, IUP 5796-PKT, NOTICE
25	G320-6064-0	FORTRAN H EXTENDED OPTIMIZATION ENHANCEMENT, IUP 5796-PKR, NOTICE
50	G320-6065-0	IMS-APL DATA LINK FOR TSO, IUP 5796-PKW, NOTICE
50	G320-6069-0	ACF DEFINITION AID, IUP 5796-PKY, NOTICE
50	G320-6070-1	IMS/VS EMERGENCY LOG TERMINATOR IUP 5796-ATN
50	G320-6071-0	IMS/VS MESSAGE REQUEUER, IUP 5796-ATP, NOTICE
50	G320-6072-0	DL/I DOS/VS SPACE MANAGEMENT UTILITIES, IUP 5796-PKF, NOTICE
30	G320-6073-0	VM/370 SPOOLING SUPPORT FOR LOCAL 328X PRINTERS IUP 5796-PKZ
99	G320-6075-0	OS/VS1 MICROFICHE FORMATS AND FILING METHODS
30	G320-6079-0	2260 COMPATIBILITY FOR CICS/VS USING VTAM/TCAM IUP 5796-ATW, NOTICE
30	G320-6083-0	GLOBAL SHARED ACCESS METHOD (GSAM), IUP 5796-ATX, NOTICE
30	G320-6089-0	3800 PAGE FORMATTING SERVICES IUP 5796-AWE, NOTICE
30	G320-6093-0	AUTOMATIC PASSWORD GENERATION FOR RACF IUP 5796-PLK, NOTICE
29	G320-6096-0	PL/I LANGUAGE CONSTRUCTION PRE-PROCESSOR, IUP 5796-PLL, NOTICE
34	G320-6098-0	IMS-CMS DATA LINK FOR VM/370 IUP 5796-PLF, NOTICE
50	G320-6100-1	HIGH SPEED SEQUENTIAL RETRIEVAL FOR IMS/VS, IUP 5787-LAA, NOTICE
09	**G320-6102-1	HUMAN FACTORS OF WORKSTATIONS WITH DISPLAY TERMINALS
39	G320-6153-0	APL HANDBOOK OF TECHNIQUES WORKSPACE IUP 5796-PLP, NOTICE
34	**G320-6155-1	VSE PERFORMANCE TOOL, IUP 5796-PLQ, NOTICE
30	G320-6156-0	VSAM SELECTIVE RESTORE (OS/VS), IUP 5796-AXL, NOTICE
50	G320-6158-0	CICS/VS ONLINE PROMPTING FACILITY, IUP 5796-AWQ, NOTICE
36	G320-6159-0	JES3 MONITORING FACILITY II, IUP 5796-PIW, NOTICE
30	**G320-6160-1	DATA EXTRACTION, PROCESSING AND RESTRUCTURING SYSTEM, IUP 5796-PLH, NOTICE
34	G320-6163-0	SOURCE COMPARE/AUDIT UTILITY IUP 5796-PIZ, NOTICE
34	**G320-6165-1	VM REAL TIME MONITOR, IUP 5796-PNA, NOTICE
30	G320-6166-1	3850 CARTRIDGE OFF-SITE STORAGE, IUP 5796-AWZ, NOTICE
39	**G320-6168-4	VS APL EXTENDED EDITOR AND FULL SCREEN MANAGER, IUP 5796-PLY, NOTICE
22	G320-6170-0	APL WORKSPACE STRUCTURE ANALYZER, IUP 5796-PNE, NOTICE
85	G320-6178-0	AN INTRODUCTION TO APL FOR SCIENTISTS AND ENGINEERS
85	G320-6271-1	THE DATA SYSTEMS ENVIRONMENT - CATALOG OF PRODUCTS
85	G320-6283-0	ACF/VTAM ENTRY PROBLEM DETERMINATION HELPER
30	G320-6328-0	TELEPROCESSING VIRTUAL MACHINE, IUP 5796-PNC, NOTICE

50 G320-6332-0 SPM II FILE COMPRESSION AND REPORTING SYSTEM, IUP 5796-AYG,
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39 **G320-6334-1 JES2 INFORMATION RETRIEVAL FOR CMS, IUP 5796-AYD, NOTICE
30 ** G320-6335-0 INTER REGION ACCESS METHOD, IUP 5796-AYH, NOTICE
37 ** G320-6339-0 AUDIT FILE COMPARE, IUP 5796-PNF, NOTICE

31 **G320-6340-0 JOB DOCUMENTATION AND OPERATIONS SETUP, IUP 5796-AYT, NOTICE
30 G320-6346-0 VSAM KSDS FREESPACE MAP, IUP 5796-AYX, NOTICE

39 **G320-6348-1 APL DATA INTERFACE-II FOR VM/370 (CMS), IUP 5796-PNG, NOTICE
37 G320-6387-0 PASCAL/VS IUP 5796-PNQ NOTICE

22 **G320-6394-0 VS APL SYSTEM EXTENSIONS, IUP 5796-AZT, NOTICE
34 **G320-6403-0 MVS EXTENDED SWAP, IUP 5796-PNW, NOTICE
32 **G320-6405-0 UNIVERSAL DUMP ALTER COPY AND SELECT UTILITY, IUP 5796-BAF,
NOTICE

32 **G320-6406-0 VM/CMS DISKETTE COPY PROGRAM, IUP 5796-PNT, NOTICE
30 **G320-6418-0 3800 90 DEGREE PRINT PROGRAM EXTENSIONS, IUP 5796-EAC, NOTICE
50 G320-8088-0 CICS ON-LINE TEST/DEBUG FOR CICS/OSS, CICS/DOSS & CICS/DOSE:
CON EDISON, IUP 5796-AEF NOTICE

50 G320-8089-0 CICS/COBOL CALL INTERFACE FOR CICS/OSS CICS/DOSS & CICS/DOSE:
NATIONAL BANK OF DETROIT, IUP 5796-AEG NOTICE

50 G320-8099-1 3270 SCREEN IMAGE PROCESSOR FOR IMS AND IMS/VS - IUP 5796-AFC,
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32 G320-8106-0 2927 DUAL PRINTER UTILITY PROGRAM - IUP 5796-AFK, RELEASE
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32 G320-8107-0 DOS DBDUMP UTILITY PROGRAM PRODUCTIVITY AID FOR DOS DATA BASE
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32 G320-8111-0 3525 GENERAL PURPOSE UTILITIES, IUP 5796-AGE, NOTICE
39 G320-8114-0 3270 SUPPORT UNDER TSO, IUP 5796-AGH, NOTICE
40 G320-8120-0 VM/370 SYSTEM FOR ONLINE TAPE & DISK LIBRARIES, IUP 5796-AGN,
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34 G320-8124-0 DOS TO OS CONVERSION SYSTEM, IUP 5796-AF2, NOTICE
34 G320-8127-0 SMF GRAPHICAL ANALYSIS PROGRAM, IUP 5796-AFP, NOTICE
33 G320-8137-0 DOS/VS 2560 SORT, IUP 5796-AGX, NOTICE
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50 G320-8141-0 IMS/VS LOGTAPE MANAGEMENT SYSTEM, IUP 5796-AHT NOTICE
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32 G320-8150-0 IMS 3270 LOCAL COPY, IUP 5796-AHL, NOTICE
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30 G320-8155-0 DATA ENTRY CONTROL AND AUDIT SYSTEM, IUP 5796-AKC, NOTICE
32 G320-8156-0 DOS/VS DBDUMP UTILITY PROGRAM, IUP 5796-AJE, NOTICE
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32 G320-8166-0 GENERAL PURPOSE TAPE & DISK SCANS, IUP 5796-AGY, NOTICE
85 G321-5084-0 VM/370 - A STUDY OF MULTIPLICITY AND USEFULNESS
85 G321-5085-0 THE CHANGING VIRTUAL MACHINE ENVIRONMENT: INTERFACES TO REAL
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85 G321-5104-0 AUTOMATIC PROGRAMMING FOR ENERGY MANAGEMENT USING SENSOR BASED
COMPUTERS



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GN20-4381 (obsolete with this TNL)

IBM System/370 and 4300 Processor Bibliography

This Technical Newsletter provides replacement pages for the subject bibliography. Pages to be replaced and added are:

Front cover
v, vi
1 through 108
403 through 632

Summary of Changes

Parts 1 and 3 are replaced and new abstracts are added to Part 2. The front cover, table of contents, and acronym index are also revised and replaced.

In this TNL, the significant additions are as follows:

1. Listings provided for VSE System Productivity Option/Extended (VSE System IPO/E) Release 2.1 (page 45.8).
2. The majority of new items are listed under the following subject codes: MVS, DOS/VSE, VM, DB/DC ACF and Network Programs, IMS, System Support Licensed Programs, Other Supplementary Information and PTF (Program Temporary Fix) Listings.

Note: Please file this cover letter at the back of the bibliography to provide a record of changes.

