

18 FEB 1987

**JUNISYS**

February 18, 1987

John Barnstable  
Software Distribution Services  
Wayne, Michigan

Dear John:

Enclosed are 12 magnetic tapes, transmittal, availability letter, and announcement letters for the B1000 SYS and B1000 SUP releases for Unisys internal support personnel, Mark 13.0 System Software (native-mode).

Dave Gilmore as already sent you the Mark 13.0 cassettes which needs to be included with the B1000 SYS release.

The 1-page availability letter needs to be mailed to all B1000 Unisys support personnel. The announcement letters need to be combined with the products when distributed.

If there are any questions, please contact PA&S for further clarification. Either myself or Dave Gilmore can answer your questions.

Sincerely,



Richard Holmes, Manager  
Product Assurance and Support  
Santa Barbara Programming Center

File ID: LETTER-BARNSTABLE

SOFTWARE PRODUCT TRANSMITTAL  
PHASE REVIEW FACT SHEET - Section 9

DATE: 2/18/87

CUSTOMER USE  INTERNAL USE ONLY  DEMO ONLY   
PRODUCT(S) ANNOUNCED YES  NO

I. GENERIC INFORMATION

A. TRANSMITTAL CLASSIFICATION

PRELIMINARY  PRELIMINARY  ADVANCE  FINAL   
(PHASE 2 INPUT) (PHASE 3 INPUT) (30 DAYS BEFORE FINAL) (WITH PRODUCT)

CHANGE INFORMATION  
PRELIMINARY  PRELIMINARY  ADVANCE  FINAL

B. PRODUCT DESCRIPTION: B1000 Mark 13.0 System Software (native-mode) for support personnel  
C. RELEASE LEVEL: Mark 13.0

D. RELEASE TYPE:

MARK  MAINTENANCE  PATCH   
NEW  UPDATE  DOCUMENTATION ONLY

E. DEPENDENCIES (ATTACH LIST IF REQUIRED )

HARDWARE B1000/B1900/B1990/B1800  
SOFTWARE \_\_\_\_\_

F. SCHEDULE

START

COMPLETE

PHASE 2 REVIEW MEETING  
PHASE 3 REVIEW MEETING  
PRODUCT ANNOUNCEMENT  
FIELD QUALIFICATION  
PHASE 4 REVIEW MEETING  
FIRST CUSTOMER SHIP  
PHASE REVIEW SECTION 9 INPUT DUE BY \_\_\_\_\_  
March 1987

G. MEDIA PACKAGING (AS TRANSMITTED TO SPDS)

FINAL MEDIA  MULTIPLE STYLES ON CONSOLIDATED MEDIA   
SYSTEM/PROGRAM TO BE USED TO LOCATE STYLES ON SEPARATE MEDIA:  
\_\_\_\_\_

H. COPYRIGHT

YEAR OF © 1986 © OWNER Burroughs Corporation

II. PRODUCT AND MEDIA INFORMATION

COMPLETE ATTACHMENT A (OR EQUIVALENT)

III. FILE INFORMATION

ATTACH LISTING OF FILE NAMES ASSIGNED TO EACH STYLE NAME

PRODUCT AND MEDIA INFORMATION

ATTACHMENT A

PRODUCT NAME: B1000 System Software (internal) release Mark 13.0 PAGE 1 OF 1 PAGES

STYLE NAME	CATALOG NUMBER	STYLE M&E NUMBER	RELEASE LEVEL	STYLE DESCRIPTION	MEDIA TYPE	MEDIA ID	FILE TYPE	MEDIA M&E NUMBER	TAPE LENGTH
B1000 SYS	3358	7577	13.0	B1000 System Software	42	SYSTEM	OSL		
					11	Cassettes	OSL		
B1000 SUP	3545	7183	13.0	B1000 Support Software	42	SOURCE1	OSL		
						SOURCE2	OSL		
						SOURCE2A	OSL		
						SOURCE3	OSL		
						SOURCE4	OSL		
						SOURCE4A	OSL		
						SOURCE5	OSL		
						SOURCE6	OSL		
						BACKUP1	OSL		
						BACKUP2			

DOCUMENT INFORMATION

ATTACHMENT B

PRODUCT NAME: B1000 System Software (internal) Mark 13.0

PAGE 1 OF 1 PAGES

AVAILABILITY LETTER 1 PAGES  
COVER LETTER 3 PAGES  
FLASH INDEX NUMBER \_\_\_\_\_

STYLE NAME	SOFTWARE SPEC.NO.	MANUAL NO.	PCN NO.	ERRATA NO.	MANUAL DESCRIPTION	I ✓	U ✓	BINDER SIZE	BINDER NO.
---------------	----------------------	---------------	------------	---------------	-----------------------	--------	--------	----------------	---------------

None

**IV. DOCUMENT INFORMATION**  
**COMPLETE ATTACHMENT B (OR EQUIVALENT)**

**V. PRODUCT PACKAGING**  
**SPECIAL INSTRUCTION IF REQUIRED:**

Include cassettes and floppy diskettes from Mark 13.0 customer release with this package. This was sent on 2/17/87.

**VI. THIRD PARTY INFORMATION**

A. VENDOR NAME/ADDRESS

B. PRODUCT NAME

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

C. VENDOR SUPPLIES FINISHED  
PRODUCT PACKAGE?  
YES  NO

D. CONTRACT DATE \_\_\_\_\_ ADMINISTRATOR \_\_\_\_\_

E. CONTRACT TERMS:

UPFRONT PAYMENT-UNLIMITED REPRODUCTION

PER COPY PAYMENT-LIMITED REPRODUCTION

RECORD KEEPING REQUIREMENTS \_\_\_\_\_

REPORTING REQUIREMENTS \_\_\_\_\_

UNIQUE LABEL REQUIREMENTS \_\_\_\_\_

SERIALIZATION REQUIREMENTS \_\_\_\_\_

SPECIAL RESTRICTIONS \_\_\_\_\_

**VII. SUPPORT INFORMATION**

RESPONSIBLE SUPPORT CENTER(S) Atlanta Customer Support Center

REPLACEMENT FOR RELEASE LEVEL Mark 12.0

PATCHES/SUPPORTS RELEASE LEVEL \_\_\_\_\_

**VIII. APPROVAL INFORMATION**

TRANSMITTING DEVELOPMENT CENTER NAME Santa Barbara Programming Center

ORIGINATED BY Dave Gilmore TELEPHONE NO. (805) 964-6881

APPROVED BY Dave Gilmore DATE 2-18-87

PRODUCT ASSURANCE AND SUPPORT

APPROVED BY Richard Holmes DATE 2-18-87

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B1000 MARK 13.0 SYSTEM SOFTWARE AVAILABILITY LETTER

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SUBJECT: Availability of B1000 Mark 13.0 System Software Internal Release

STYLE AND CATALOG NUMBERS:

B1000 SYS	B1000 SUP
3358 7577	3545 7183

Unisys is pleased to announce the availability of the Mark 13.0 (internal) release of the native-mode B1000 system software.

The Mark 13.0 software contains significant enhancements to the WFL, operating system, data communication products, and languages. These are briefly described in the customer availability letter and product announcement. A full description is available in the manuals for each product and in the System Notes.

The B1000 SYS product contains the SYSTEM tape and Standalone Utilities needed to coldstart and run the Mark 13.0 System Software.

The B1000 SUP product contains all the source files and printer backup files of the MCP, GISMO, and Micro MCP.

Each is for use by Unisys field and support personnel and other Unisys groups who need to support the B1000 system software.

Please complete and return the attached form if you wish to receive the products described in this availability letter.

Manager  
Software Product Distribution Services

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B1000 MARK 13.0 SYSTEM SOFTWARE ANNOUNCEMENT LETTER

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SUBJECT: Announcement of the B1000 SUP Product for the Mark 13.0 System  
Software Internal Release

STYLE AND CATALOG NUMBER:

B1000 SUP  
3545 7183

Enclosed are the following items for use by Unisys personnel:

SOURCE<sub>n</sub>

A set of library tapes (SOURCE1, SOURCE2, SOURCE2A, SOURCE3, SOURCE4, SOURCE4A, SOURCE5, SOURCE6) containing the source files for the Mark 13.0 system software.

BACKUP<sub>n</sub>

A set of library tapes (BACKUP1 and BACKUP2) containing the printer backup disk files for the MCP listing, MCP cross reference, GISMO listing, and Micro MCP listing.

The material on the SOURCE and BACKUP tapes is for use by Unisys personnel only.

Manager  
Software Product Distribution Services

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B1000 MARK 13.0 SYSTEM SOFTWARE ANNOUNCEMENT LETTER

---

SUBJECT: Announcement of the B1000 SYS Product for the Mark 13.0 System  
Software Internal Release

STYLE AND CATALOG NUMBER:

B1000 SYS  
3358 7577

Enclosed are the following items for use by Unisys personnel:

SYSTEM

A library tape containing all the Mark 13.0 system software.

SUPPORT

A library tape containing material to support the Mark 13.0 system software. It includes trace interpreters, programs for diagnostic and remote diagnostic support, programs to restore data bases, disks, and magnetic tapes, and the SDL, SDL2 support programs. It contains special license files for MIL, SLD, SDL2, and UPL2. It contains documentation files describing the above material.

CLEAR/START

A cassette tape (or floppy diskette) to clear start the system.

COLDSTART/DISK

A cassette tape (or floppy diskette) to cold start the system from a disk.

COLDSTART/TAPE

A cassette tape (or floppy diskette) to cold start the system from a tape.



**PACK/INIT**

A cassette tape (or floppy diskette) to initialize a disk pack.

**STANDALONE/DISK-DUMP**

A cassette tape (or floppy diskette) to copy one disk pack to another on a file by file basis.

Information concerning the changes made to the B1000 system software for the Mark 13.0 release are in the System Notes. The System Notes are contained in the printer backup disk files DOCUMENT/SYSNOTE1, DOCUMENT/SYSNOTE2, and DOCUMENT/SYSNOTE3. The files contain lower case characters and must be converted to upper case if a 96 character printer is not available. The following system command prints the DOCUMENT/SYSNOTE1 file, converts all lower case character to upper case, and saves the file:

PB DOCUMENT/SYSNOTE1 UPPER SAVE

The Mark 13.0 software accepts code and data files that were used with the Mark 12.0 software.

The Mark 12.0 files should be archived prior to loading the Mark 13.0 software.

The Mark 13.0 COLDSTART/DISK or COLDSTART/TAPE utility is required to bring the Mark 13.0 system software to an operable state. The clear start operation is documented in Volume 2 of the B1000 Systems System Software Operation Guide.

Manager  
Software Product Distribution Services

18 FEB 1987

**UNISYS**

February 18, 1987

Wayne Carpenter  
Room 4F17  
Unisys  
One Burroughs Place  
Detroit, MI 48232

SUBJECT: B1000 System Software Mark 13.0 Shipment Authorization

Enclosed is the B1000 System Software Mark 13.0 Shipment Authorization. It needs your signature (Program General Manager) and the signature of Corporate Systems Management on first page. It needs signatures for Group Product Assurance (Don Edlin) and Corporate Quality on the second page. All these signatures are required at which time it can be forwarded to Bill Schlegel in SPDS.

SPDS is currently processing the Mark 13.0 transmittals and software.

If you any other questions, please contact me.

Sincerely,



Richard Holmes, Manager  
B1000 Software Department  
Product Assurance and Support  
Santa Barbara Programming Center

File ID: LETTER-CARPENTER

# FIRST CUSTOMER SHIP AUTHORIZATION

CORPORATE USE ONLY  
LOG NO. \_\_\_\_\_

NUMBER \_\_\_\_\_ REV \_\_\_\_\_  
DATE 2/18/87  
PAGE 1 OF 4

PART I	PROGRAM DESCRIPTION
CORPORATE PRODUCT STYLE NUMBER:	<u>B1000 System Software Mark 13.0 Release</u>
PRODUCT DESCRIPTION:	<u>See attached list of program products</u>
LEVEL:	_____
RESPONSIBLE ORGANIZATION:	<u>Santa Barbara Programming Center</u>
PHASE 4 REVIEW BOOK TITLE:	_____ DATE: _____
REVISION DESCRIPTION:	<input type="checkbox"/> CONFIGURATION CHANGE <input type="checkbox"/> RESTRICTION REMOVAL <input checked="" type="checkbox"/> SOFTWARE REVISION <input type="checkbox"/> OTHER _____
<input type="checkbox"/> SECONDARY QUALIFICATIONS INCLUDED WITHIN THIS REPORT	
EXISTING PRODUCT INVENTORIES AFFECTED? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (INSTRUCTIONS ATTACHED)	

PART II	SHIP RECOMMENDATION						
<input checked="" type="checkbox"/> RECOMMENDED FOR SHIPMENT                      DEVIATIONS: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO							
<div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">   <u>Richard Holmes</u>            * PRODUCT ASSURANCE MGR.         </div> <div style="text-align: center;"> <u>2/18/87</u>            DATE         </div> <div style="text-align: center;">   <u>Richard Shobe</u>            * DEVELOPMENT DIR./MGR.         </div> <div style="text-align: center;"> <u>2-18-87</u>            DATE         </div> </div>							
<input type="checkbox"/> RECOMMEND MARKET RESTRICTED SHIPMENT							
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">MARKET RESTRICTIONS</th> <th style="width: 30%;">RESOLUTION DATE</th> </tr> </thead> <tbody> <tr> <td style="height: 100px; vertical-align: top;">           _____             _____             _____             _____         </td> <td style="vertical-align: top;">           _____             _____             _____         </td> </tr> </tbody> </table>		MARKET RESTRICTIONS	RESOLUTION DATE	_____  _____  _____  _____	_____  _____  _____		
MARKET RESTRICTIONS	RESOLUTION DATE						
_____  _____  _____  _____	_____  _____  _____						
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 45%;">* PRODUCT ASSURANCE MGR. _____</td> <td style="width: 10%;">DATE _____</td> <td style="width: 45%;">* DEVELOPMENT DIR./MGR. _____</td> <td style="width: 10%;">DATE _____</td> </tr> </table>		* PRODUCT ASSURANCE MGR. _____	DATE _____	* DEVELOPMENT DIR./MGR. _____	DATE _____		
* PRODUCT ASSURANCE MGR. _____	DATE _____	* DEVELOPMENT DIR./MGR. _____	DATE _____				
CONCUR:							
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">* DEVELOPMENT GROUP EXECUTIVE _____</td> <td style="width: 30%;">DATE _____</td> </tr> <tr> <td>* MARKETING GROUP EXECUTIVE _____</td> <td>DATE _____</td> </tr> <tr> <td>* QUALITY &amp; SERVICE _____</td> <td>DATE _____</td> </tr> </table>		* DEVELOPMENT GROUP EXECUTIVE _____	DATE _____	* MARKETING GROUP EXECUTIVE _____	DATE _____	* QUALITY & SERVICE _____	DATE _____
* DEVELOPMENT GROUP EXECUTIVE _____	DATE _____						
* MARKETING GROUP EXECUTIVE _____	DATE _____						
* QUALITY & SERVICE _____	DATE _____						

PHASE 4 CONCURRENCE:  _____ * CORPORATE SYSTEMS MANAGEMENT    DATE _____	APPROVED FOR FIRST CUSTOMER SHIPMENT:  _____ * PROGRAM GENERAL MANAGER    DATE _____
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# DEVIATIONS SUMMARY

NUMBER \_\_\_\_\_ REV \_\_\_\_\_  
DATE 2/18/87  
PAGE 3 OF 4

CORPORATE PRODUCT STYLE NUMBER: B1000 System Software Mark 13.0 Release  
QUALIFICATION RESPONSIBLE ORGANIZATION: Product Assurance and Support - Santa Barbara

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DEVIATION AND RISK ASSESSMENT

RESOLUTION SCHEDULE

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None.



Richard Holmes

Concurrence: Plant/Site PA&S

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Concurrence: Group Product Assurance

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Concurrence: Corporate Quality

## QUALIFIED CONFIGURATION SUMMARY

CORPORATE PRODUCT STYLE NUMBER B1000 System Software Mark 13.0 Release  
 PRODUCT DESCRIPTION See attached list of program products  
 QUALIFIED RELEASE/CHANGE LEVEL Mark 13.0  
 QUALIFICATION RESPONSIBLE ORGANIZATION Product Assurance and Support Santa Barbara

NUMBER \_\_\_\_\_ REV \_\_\_\_\_  
 DATE 2/18/87  
 PAGE 2 OF 4

QUALIFIED CONFIGURATION(S)			QUALIFIED RELEASE/CHANGE LEVEL			
SYSTEM	SUB-SYSTEM	UNIT	HARDWARE	SYSTEM SOFTWARE (MCP)	CONTROLWARE/ FIRMWARE	OTHER (SPECIFY)
B1990SP						
B1990DP			B1990DP	Mark 13.0		
B1955						
B1985						
B1885						
B1855						
B1860						

# PROGRAM STATUS SUMMARY

NUMBER \_\_\_\_\_ REV \_\_\_\_\_  
DATE 2/18/87  
PAGE 4 OF 4

CORPORATE PRODUCT STYLE NUMBER: B1000 System Software Mark 13.0

QUALIFICATION RESPONSIBLE ORGANIZATION: Product Assurance and Support - Santa Barbara

PROVIDE THE AVAILABILITY STATUS OF THE FOLLOWING: (IF NOT CURRENTLY AVAILABLE, PROVIDE THE DATE WHEN IT WILL BE AVAILABLE)

### DOCUMENTATION:

FIELD SUPPORT Available  
USER MANUALS Available

### TRAINING:

FIELD SUPPORT Available  
SALES Available  
CUSTOMER Available

### SPARE PARTS:

SITE Not Required  
DISTRIBUTION CENTER Not Required

### TEST EQUIPMENT, TOOLS, SPECIAL SOFTWARE:

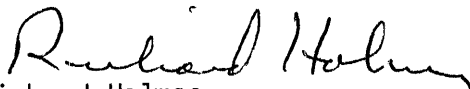
SITE Not Required  
REMOTE SUPPORT CTR Available  
SYSTEM INDEX/CONFIGURATION Not Required

### OTHER (SPECIFY)

\_\_\_\_\_  
\_\_\_\_\_

### SOFTWARE PRODUCTS ONLY:

SOFTWARE DISTRIBUTION SERVICES  
INITIAL PRODUCTION AND  
DISTRIBUTION VERIFICATION \_\_\_\_\_



Richard Holmes

Manager Plant/Site PA&S

Master Control Program II (MCP II) - for BMG

Style number: B1000MP2                      Software Specification: 1125838  
Catalog number: 3258 6679

Software Manuals: System Software Operation Guide, Volume 1,  
form number 5024528, published Sep 86.

System Software Operation Guide, Volume 2,  
form number 1169091, published Feb 85,  
PCN 003, published Oct 86 (13.0 Release).

The COLDSTART files

	Compile Date	Release Level
	-----	-----
GISMO3	06/30/86	13.0.000
MCPII	09/30/86	13.0.000
MCPII/MICRO-MCP	07/22/86	13.0.000
SDL2/INTERP3M	07/03/86	13.0.000
SDL2INTRIN/AGGREGATE	07/03/86	13.0.000
SYSTEM/CONTROLLER	07/22/86	13.0.000
SYSTEM/COPY	08/11/86	13.0.000
SYSTEM/INIT	06/30/86	13.0.000
SYSTEM/ODT	07/31/86	13.0.000
SYSTEM/PANDA	08/11/86	13.0.000

The other B1000MP2 files

BASIC/INTERP3M	04/19/82	13.0.000
BASINTRN3/AGGREGATE	08/03/83	13.0.000
COBOL/INTERP1M	12/04/85	13.0.000
COBOL74/INTERP1M	12/04/85	13.0.000
COBOL74B/INTERP	08/07/86	13.0.000
FOR-INTRIN	11/29/85	13.0.000
FORTTRAN/INTERP1M	11/30/85	13.0.000
FORTTRAN77/INTERP2M	05/01/86	13.0.000
FORTTRAN77/INTRINSICS	05/19/86	13.0.000
IBASIC/INTERP	11/10/82	13.0.000
IBASIC/INTRINSICS	11/10/82	13.0.000
PASCAL/INTERP4M	05/15/86	13.0.000
PASCAL/LIBRARY	12/05/85	13.0.000
RPG/INTERP1M	05/08/86	13.0.000
SDL/INTERP1M	11/10/84	13.0.000
SDLINTRIN/AGGREGATE	01/11/85	13.0.000

Master Control Program II (MCP II) - for International

Style number: B1000MP3                      Software Specification: 1188869  
Catalog number: 3628 1228

Software Manuals: System Software Operation Guide, Volume 1,  
form number 5024508, published Sep 86.

System Software Operation Guide, Volume 2,  
form number 1169091, published Feb 85,  
PCN 003, published Oct 86 (13.0 Release).

The COLDSTART files

	Compile Date	Release Level
	-----	-----
GISMO2	06/30/86	13.0.000
MCPII	09/30/86	13.0.000
MCPII/MICRO-MCP	07/22/86	13.0.000
SDL2/INTERP3M	07/03/86	13.0.000
SDL2INTRIN/AGGREGATE	07/03/86	13.0.000
SYSTEM/CONTROLLER	07/22/86	13.0.000
SYSTEM/COPY	08/11/86	13.0.000
SYSTEM/INIT	06/30/86	13.0.000
SYSTEM/ODT	07/31/86	13.0.000
SYSTEM/PANDA	08/11/86	13.0.000

The other B1000MP3 files

BASIC/INTERP3M	04/19/82	13.0.000
BASINTRN3/AGGREGATE	08/03/83	13.0.000
COBOL/INTERP1M	12/04/85	13.0.000
COBOL74/INTERP1M	12/04/85	13.0.000
COBOL74B/INTERP	08/07/86	13.0.000
FOR-INTRIN	11/29/85	13.0.000
FORTTRAN/INTERP1M	11/30/85	13.0.000
FORTTRAN77/INTERP2M	05/01/86	13.0.000
FORTTRAN77/INTRINSICS	05/19/86	13.0.000
IBASIC/INTERP	11/10/82	13.0.000
IBASIC/INTRINSICS	11/10/82	13.0.000
PASCAL/INTERP4M	05/15/86	13.0.000
PASCAL/LIBRARY	12/05/85	13.0.000
RPG/INTERP1M	05/08/86	13.0.000
SDL/INTERP1M	11/10/84	13.0.000
SDLINTRIN/AGGREGATE	01/11/85	13.0.000



Master Control Program II (MCP II) - for International (DMS on slave)

Style number: B1000MP4                      Software Specification: 1125838  
 Catalog number: 3628 1228

Software Manuals: System Software Operation Guide, Volume 1,  
 form number 5024508, published Sep 86.

System Software Operation Guide, Volume 2,  
 form number 1169091, published Feb 85,  
 PCN 003, published Oct 86 (13.0 Release).

The COLDSTART files

	Compile Date	Release Level
	-----	-----
GISM03	06/30/86	13.0.000
MCPII	09/30/86	13.0.000
MCPII/MICRO-MCP	07/22/86	13.0.000
SDL2/INTERP3M	07/03/86	13.0.000
SDL2INTRIN/AGGREGATE	07/03/86	13.0.000
SYSTEM/CONTROLLER	07/22/86	13.0.000
SYSTEM/COPY	08/11/86	13.0.000
SYSTEM/INIT	06/30/86	13.0.000
SYSTEM/ODT	07/31/86	13.0.000
SYSTEM/PANDA	08/11/86	13.0.000

The other B1000MP4 files

BASIC/INTERP3M	04/19/82	13.0.000
BASINTRN3/AGGREGATE	08/03/83	13.0.000
COBOL/INTERP1M	12/04/85	13.0.000
COBOL74/INTERP1M	12/04/85	13.0.000
COBOL74B/INTERP	08/07/86	13.0.000
FOR-INTRIN	11/29/85	13.0.000
FORTRAN/INTERP1M	11/30/85	13.0.000
FORTRAN77/INTERP2M	05/01/86	13.0.000
FORTRAN77/INTRINSICS	05/19/86	13.0.000
IBASIC/INTERP	11/10/82	13.0.000
IBASIC/INTRINSICS	11/10/82	13.0.000
PASCAL/INTERP4M	05/15/86	13.0.000
PASCAL/LIBRARY	12/05/85	13.0.000
RPG/INTERP1M	05/08/86	13.0.000
SDL/INTERP1M	11/10/84	13.0.000
SDLINTRIN/AGGREGATE	01/11/85	13.0.000

**Entire Cassette or 5 1/4" Floppy Disk Package**

Style number: B1000XMT                      Software Specification: 1166089  
Catalog number: 3360 3382

Software Manual: System Software Operation Guide, Volume 2,  
form number 1169091, published Feb 85,  
PCN 003, published Oct 86 (13.0 Release).

	Compile Date	Release Level
	-----	-----
CLEAR/START	06/30/86	13.0.000
COLDSTART/DISK	05/09/86	13.0.000
COLDSTART/TAPE	06/26/86	13.0.000
DISK/DUMP	11/30/85	13.0.000
PACK/INIT	11/30/85	13.0.000
STANDALONE/DISK-DUMP	05/08/86	13.0.000

**Disk Pack Initializer Cassette (PACK/INIT)**

Style number: B1000XM3  
Catalog number: 3360 3325

**Stand Alone Disk Dump Cassette (STANDALONE/DISK-DUMP)**

Style number: B1000XM4  
Catalog number: 3360 3333

**Disk Dump Cassette (DISK/DUMP)**

Style number: B1000XM5  
Catalog number: 3360 3341

**Cold Start Disk Cassette (COLDSTART/DISK)**

Style number: B1000XM6  
Catalog number: 3360 3358

**Clear Start Cassette (CLEAR/START)**

Style number: B1000XM7  
Catalog number: 3360 3366

**Cold Start Tape Cassette (COLDSTART/TAPE)**

Style number: B1000XM8  
Catalog number: 3360 3374

Utility Programs

Style number: B1000UTL                      Software Specification: 1166089  
 Catalog number: 3258 7370

Software Manuals: System Software Operation Guide, Volume 2,  
 form number 1169091, published Feb 85,  
 PCN 003, published Oct 86 (13.0 Release).

B 1000 Systems Memory Dump Analysis  
 Functional Description Manual,  
 form number 1152055, published Mar 85.

	Compile Date	Release Level
	-----	-----
CASSETTE/LOADER	11/22/85	13.0.000
CASSETTE/MAKER	06/27/83	13.0.000
CLEAR/START	06/30/86	13.0.000
CODE/ANALYZER	12/03/85	13.0.000
COLDSTART/DISK	05/09/86	13.0.000
CCLDSTART/TAPE	06/26/86	13.0.000
CONVERT/BACKUP	06/27/83	13.0.000
CREATE/ISAM	11/25/85	13.0.000
CREATE/TABLE	11/30/85	13.0.000
DC/AUDIT	04/25/86	13.0.000
DISK/ALLOCATOR	11/30/85	13.0.000
DISK/DUMP	11/30/85	13.0.000
DISKETTE/COPY	08/11/86	13.0.000
DISKPACK/INTERCHANG	05/27/82	13.0.000
DOCUMENT/HALTS	10/09/86	13.0.000
DOCUMENT/SYSNOTE1	12/17/86	13.0.000
DOCUMENT/SYSNOTE2	12/18/86	13.0.000
DOCUMENT/SYSNOTE3	12/18/86	13.0.000
DMPALL	08/06/86	13.0.000
FOREIGN/TAPECOPY	09/27/82	13.0.000
GISMO/SA	06/12/84	13.0.000
INITIALIZE/ANALYZER	11/30/85	13.0.000
INPUT/PC5-TABLES	12/22/83	13.0.000
INTRINSICS/AGGR-MAKER (Support Product)	06/03/82	13.0.000
LOGCONVERT	12/17/85	13.0.000

Utility Programs (continued)

	Compile Date	Release Level
	-----	-----
PACK/INIT	11/30/85	13.0.000
QWIKLOG	11/30/85	13.0.000
RD	08/11/86	13.0.000
RDCOPY (Support Product)	02/02/85	13.0.000
REMOTE/LISTER	08/08/86	13.0.000
REMOTE/PRINT	07/02/86	13.0.000
SDL/INTERP1U	12/18/81	13.0.000
SDL/SSC	06/26/86	13.0.000
SDL2INTRIN/REMOVED	11/02/84	13.0.000
SSLOAD/MAKCAS	11/30/85	13.0.000
STANDALONE/DISK-DUMP	05/08/86	13.0.000
SYSTEM/BACKUP	08/11/86	13.0.000
SYSTEM/BUILDTRAIN	12/22/83	13.0.000
SYSTEM/B6000COPY	08/11/86	13.0.000
SYSTEM/COMPARE	12/01/85	13.0.000
SYSTEM/DISK-DUMP	01/09/86	13.0.000
SYSTEM/DISK-INIT	12/01/85	13.0.000
SYSTEM/ELOGOUT	06/05/86	13.0.000
SYSTEM/FILE-INIT	07/12/82	13.0.000
SYSTEM/ICMD-INIT	05/27/82	13.0.000
SYSTEM/IDA	08/27/86	13.0.000
SYSTEM/ISVERIFY	05/30/86	13.0.000
SYSTEM/IS-MAINT	05/27/86	13.0.000
SYSTEM/LDCONTRL	08/13/86	13.0.000
SYSTEM/LOAD-CAS	06/14/84	13.0.000
SYSTEM/LOGOUT	12/17/85	13.0.000
SYSTEM/MAKEUSER	02/07/86	13.0.000
SYSTEM/MARK-SEGS	06/20/83	13.0.000
SYSTEM/MLFIRMWARE (Support Product)	02/25/86	13.0.000
SYSTEM/ODTLOGOUT	05/29/86	13.0.000
SYSTEM/PACKCOPY	07/24/86	13.0.000
SYSTEM/PACKCOPY-T	03/09/86	13.0.000
SYSTEM/SQUASH	06/13/86	13.0.000
SYSTEM/TRAINTABLE	04/18/84	13.0.000
TAPECOPY	06/27/83	13.0.000

**Systems SORT**

Style number: B1000SRT                      Software Specification: 1125820  
 Catalog number: 3258 7180

Software Manual: SORT Manual,  
 form number 1152071, published Sep 83,  
 PCN 001, published Mar 84 (11.0 Release).

	Compile Date	Release Level
	-----	-----
SORT	05/07/86	13.0.000
SORT/MERGE	11/22/85	13.0.000
SORT/QSORT	11/22/85	13.0.000
SORT/TAPESORT	11/25/85	13.0.000
SORT/UTILITY	11/25/85	13.0.000
SORT/VSORT	11/22/85	13.0.000

**BASIC Compiler**

Style number: B1000BAS                      Software Specification: 1125804  
 Catalog number: 3258 6067

Software Manual: BASIC Language Manual,  
 form number 1067535, published May 79,  
 PCN 001, published Nov 82 (10.0 Release).

	Compile Date	Release Level
	-----	-----
BASIC	11/22/85	13.0.000

**B100/200/300/500 Interpreter**

Style number: CS1000B3I                      Software Specification: 1099538  
 Catalog number: 2814 3758

Software Manual: B500 Interpreter Manual,  
 form number 1127552, published Dec 81.

	Compile Date	Release Level
	-----	-----
B500/IEP	10/01/81	13.0.000
B500/INTERP2U	01/11/84	13.0.000

**Burroughs Network Architecture (BNA)**

Style number: B1000BNS                      Software Specification: 1165966  
Catalog number: 2964 7542

Software Manuals: Burroughs Network Architecture (BNA)  
Installation and Operation Manual,  
form number 1151974, published Sep 83,  
PCN 002, published Oct 86 (13.0 Release).

BNA Architectural Description Ref. Man. (Vol. 1),  
form number 1132172, published Apr 81.

BNA Network Control Ref. Man. (Vol. 2),  
form number 1132180, published Apr 81.

	Compile Date	Release Level
	-----	-----
BNA/AUDIT	08/05/86	13.0.000
BNA/HSLIO	08/04/86	13.0.000
BNA/HSP	08/07/86	13.0.000
BNA/MSGS	01/17/86	13.0.000
BNA/NSM	06/02/86	13.0.000
BNA/NSP	08/05/86	13.0.000
BNA/PLM	08/05/86	13.0.000
BNA/SIZEFILE	08/06/86	13.0.000
BNA/TRACE	04/01/86	13.0.000
DOCUMENT/B1000RSVP	04/15/81	13.0.000
DOCUMENT/RSVP	04/15/81	13.0.000
RSVP	01/07/85	13.0.000
RSVP/TEACH	04/06/81	13.0.000

**Command AND Edit (CANDE) Program**

Style number: B1000CE1                      Software Specification: 1125879  
Catalog number: 3258 6174

Software Manual: CANDE Installation and Operation Manual,  
form number 1152006, published Oct 84,  
PCN 001, published Jan 85 (12.0 Release).

	Compile Date	Release Level
	-----	-----
CANDE	07/31/86	13.0.000
CANDE/ANALYZER	06/03/86	13.0.000
CANDE/TEACH-FILE	02/05/86	13.0.000

**COBOL Compiler**

Style number: B1000COB                      Software Specification: 1085032  
Catalog number: 2814 3535

Software Manual: COBOL Language Manual,  
form number 1057197, published Aug 78,  
PCN 004, published Sep 84 (11.0 Release).

	Compile Date	Release Level
	-----	-----
COBOL	06/25/86	13.0.000
COBOL/XREF	05/15/79	13.0.000

**COBOL 74 Compiler**

Style number: B1000CB1                      Software Specification: 1125770  
Catalog number: 3258 6166

Software Manual: COBOL74 Language Manual,  
form number 1168622, published Aug 84,  
PCN 003, published Oct 86 (13.0 Release).

	Compile Date	Release Level
	-----	-----
COBOL74	08/01/86	13.0.000
MCS74	12/18/84	13.0.000

**COBOL74B Compiler**

Style number: B1990C74                      Software Specification: 1187762  
Catalog number: 3695 4451

Style number (upgrade kit from COBOL74): B1990C4B  
Catalog number (upgrade kit from COBOL74): 3695 4469

Software Manual: COBOL74 Language Manual,  
form number 1168622, published Aug 84,  
PCN 003, published Oct 86 (13.0 Release).

	Compile Date	Release Level
	-----	-----
COBOL74B	08/12/86	13.0.000
COBOL74B/ANALYZER	12/06/85	13.0.000
MCS74	12/18/84	13.0.000

**COBOL74B Test and Debug System**

Style number: B1990CDS                      Software Specification: 1187770  
Catalog number: 3695 4477

Software Manual: B 1000 Systems COBOL74B Test and Debug System  
Installation and Operation Manual,  
form number 1177987, published Mar 85.

	Compile Date	Release Level
	-----	-----
COBOL74B/AID	08/07/86	13.0.000
COBOL74B/AID-GRAMR	03/14/86	13.0.000
COBOL74B/AID-TEACH	12/17/84	13.0.000
COBOL74B/DEBUG	08/07/86	13.0.000



**Data Management System II (DMS II)**

Style number: B1000DM2                      Software Specification: 1125911  
Catalog number: 3258 6240

Software Manuals: DMSII DASDL Language Manual,  
form number 1152089, published Mar 84,  
PCN 001, published Dec 84 (12.0 Release).

DMSII Functional Description,  
form number 5016470, published Feb 85.

DMSII Host Language Interface,  
form number 5024516, published Oct 86.

	Compile Date	Release Level
	-----	-----
DMS/ACR	08/06/86	13.0.000
DMS/ACR-DBG	08/06/86	13.0.000
DMS/AUDITANALY	08/11/86	13.0.000
DMS/DASDL	08/06/86	13.0.000
DMS/DASDLANALY	08/06/86	13.0.000
DMS/DBLOCK	08/06/86	13.0.000
DMS/DEMAP	08/06/86	13.0.000
DMS/DECOMPILER	08/06/86	13.0.000
DMS/RECOVERDB	08/11/86	13.0.000
DMS/REORGANIZE	08/06/86	13.0.000

**Data Management System II (DMS II) Inquiry**

Style number: B1000DM1                      Software Specification: 1125903  
Catalog number: 3258 6232

Software Manual: DMSII Inquiry Manual,  
form number 1108875, published Dec 82,  
PCN 001, published Dec 84 (12.0 Release).

	Compile Date	Release Level
	-----	-----
DMS/BUILDING	08/10/86	13.0.000
DMS/HELPING	10/19/83	13.0.000
DMS/INQUIRY	08/10/86	13.0.000

**FORTRAN 66 Compiler**

Style number: B1000FOR                      Software Specification: 1085057  
Catalog number: 3258 6273

Software Manual: FORTRAN Language Manual,  
form number 1081882, published Apr 78,  
PCN 001, published Dec 82 (10.0 Release).

	Compile Date	Release Level
	-----	-----
FORTTRAN	11/21/85	13.0.000
FORTTRAN/INTMAKER	11/20/85	13.0.000

**FORTRAN 77 Compiler**

Style number: B1000FR1                      Software Specification: 1125788  
Catalog number: 3258 6299

Software Manual: FORTRAN77 Language Manual,  
form number 1152113, published Jan 84,  
PCN 001, published Oct 84 (11.0 Release).

	Compile Date	Release Level
	-----	-----
FORTTRAN77	08/06/86	13.0.000
FORTTRAN77/ANALYZER	11/22/85	13.0.000

HASP Remote Terminal Program

Style number: B1000HAS                      Software Specification: 1126943  
Catalog number: 3258 6364

Software Manual: HASP Reference Manual,  
form number 1090578, published Nov 78.

	Compile Date	Release Level
	-----	-----
HASP	02/14/86	13.0.000
HASP/DISPLAY	02/14/86	13.0.000
HASP/MODIFIER	02/03/86	13.0.000
HASP/SPOOL	02/13/86	13.0.000

IBM 3270 Bisync Remote Workstation

Style number: B1000EBS                      Software Specification: 1165990  
Catalog number: 3628 1236

Software Manual: EM3270/BSC Installation, Operation and  
Functional Description Manual,  
form number 1152337, published Mar 84.

	Compile Date	Release Level
	-----	-----
EM3270/BSC	07/02/86	13.0.000

IBM 3270 SNA Remote Workstation

Style number: B1000ESN                      Software Specification: 1166022  
Catalog number: 3628 1244

Software Manual: EM3270/SNA Installation, Operation and  
Functional Description Manual,  
form number 1152345, published Jan 84.

	Compile Date	Release Level
	-----	-----
EM3270/SNA	07/02/86	13.0.000

Interactive BASIC

Style number: B1000BA1                      Software Specification: 1125812  
Catalog number: 3258 6075

Software Manual: Interactive BASIC Language Manual,  
form number 1152105, published Jan 84,  
PCN 001, published Sep 84 (11.0 Release).

	Compile Date	Release Level
	-----	-----
IBASIC	06/26/86	13.0.000

MONITOR

Style number: B1990MON                      Software Specification: 1187879  
Catalog number: 3695 4493

Software Manual: B 1000 System MONITOR Installation, Operation  
and Functional Description Manual,  
form number 5016447, published Sep 85.

	Compile Date	Release Level
	-----	-----
MONITOR	08/11/86	13.0.000
MONITOR/TEACHFILE	06/28/85	13.0.000

### Network Definition Language (NDL) Compiler

Style number: B1000NDL                      Software Specification: 1125853  
Catalog number: 3258 6752

Software Manuals: Network Definition Language Manual,  
form number 1152014, published Jan 84,  
PCN 002, published Mar 85, (12.0 Release).

Network Controller Installation Guide,  
form number 5025257, published Oct 86.

NDL/LIBRARY Functional Description,  
form number 1168937, published Nov 84.

MCS Functional Description,  
form number 1152253, published Sep 84.

	Compile Date	Release Level
	-----	-----
NDL	07/22/86	13.0.000
NDL/LIBRARY	07/22/86	13.0.000
SYSTEM/QCONFIGURE	06/04/86	13.0.000
SYSTEM/QFQUAD1	01/28/86	13.0.000
SYSTEM/QCONFIGS	01/31/85	13.0.000
SYSTEM/QPARMHELP	02/07/86	13.0.000
SYSTEM/QFEASYNC	05/06/86	13.0.000
SYSTEM/QFEBISYNCA	01/28/86	13.0.000
SYSTEM/QFEBISYNCE	05/06/86	13.0.000
SYSTEM/QFEDIRECT	03/19/86	13.0.000
SYSTEM/QFESYNC	05/06/86	13.0.000
SYSTEM/QFETTY	03/19/86	13.0.000
SYSTEM/QFOASYNC	05/06/86	13.0.000
SYSTEM/QFOBISYNCA	01/28/86	13.0.000
SYSTEM/QFOBISYNCE	05/06/86	13.0.000
SYSTEM/QFODIRECT	03/19/86	13.0.000
SYSTEM/QFOSYNC	05/06/86	13.0.000
SYSTEM/QFOTTY	03/19/86	13.0.000
SYSTEM/QFHBISYNCA	01/28/86	13.0.000
SYSTEM/QFHBISYNCE	05/06/86	13.0.000
SYSTEM/QFHSYNC	05/06/86	13.0.000

On-Line Data Entry System (ODESY)

Style number: B1000DE2                      Software Specification: 1104296  
 Catalog number: 3258 6218

Software Manuals: B 1000 ODESY Capabilites Manual,  
 form number 1131893.

B 1000 ODESY Installation Manual,  
 form number 1129384, published May 83,  
 PCN 001, published Oct 85 (2.30 Release).

B 1000 ODESY Terminal Operator's Manual  
 form number 1131851, published Nov 84,  
 PCN 002, published Oct 85 (2.30 Release).

	Compile Date	Release Level
	-----	-----
COPY/SYSTEM	06/30/83	2.40.000
COPY/TANK	11/22/80	2.40.000
COPY/FORMATS	05/06/86	2.40.000
NDL/ODESY	11/09/82	2.40.000
ODESY/CONVERT	07/01/86	2.40.000
ODESY/DUMP	07/01/86	2.40.000
ODESY/EDIT	07/01/86	2.40.000
ODESY/EXTRACT	07/01/86	2.40.000
ODESY/FILEMAINT	07/01/86	2.40.000
ODESY/FORMAINT	07/01/86	2.40.000
ODESY/PRINT	07/01/86	2.40.000
ODESY/STATS	07/01/86	2.40.000
ODESYDATA/FORMATS	10/09/82	2.40.000
ODESYDATA/SYSTEM	10/09/82	2.40.000
ODESYDATA/TANK	10/09/82	2.40.000
ODESYSETUP/FORDUMP	05/06/86	2.40.000
ODESYSETUP/INPUT	05/06/86	2.40.000
ODESYSETUP/PRINT	11/13/80	2.40.000
ODESYSETUP/SQUASH	12/01/80	2.40.000
ODESY240/DOCUMENT	07/09/86	2.40.000
SOURCE/CONVERT	07/01/86	2.40.000
SOURCE/DUMP	07/01/86	2.40.000
SOURCE/EDIT	07/01/86	2.40.000
SOURCE/EXTRACT	07/01/86	2.40.000
SOURCE/FILEMAINT	07/01/86	2.40.000
SCURCE/FORMAINT	07/01/86	2.40.000
SOURCE/PRINT	07/01/85	2.40.000
SOURCE/STATS	07/01/86	2.40.000

**Pascal Compiler**

Style number: B1990PAS                      Software Specification: 1187788  
Catalog number: 3695 4485

Software Manual: Pascal Language Manual,  
form number 5024490, published Sep 86.

	Compile Date	Release Level
	-----	-----
PASCAL	05/09/86	13.0.000
PASCAL/ANALYZER	11/26/85	13.0.000

**RJE Host System**

Style number: B1000R10                      Software Specification: 1189081  
Catalog number: 3696 8451

Software Manual: RJE Reference Manual,  
form number 1090602, published Apr 81.

	Compile Date	Release Level
	-----	-----
RJE/AUTOBACKUP	02/04/86	13.0.000
RJE/CONTROLLER	03/06/86	13.0.000
RJE/MESSAGES	02/06/85	13.0.000

**Remote Job Entry (RJE) Workstation Program**

Style number: B1000R61                      Software Specification: 1166048  
Catalog number: 3258 7131

Software Manual: RJE Reference Manual,  
form number 1090602, published Apr 81.

	Compile Date	Release Level
	-----	-----
RJE	02/05/86	13.0.000

RJE3770 SNA Remote Workstation Program

Style number: B1990RJE                      Software Specification: 1187796  
Catalog number: 3695 4501

Software Manual: RJE3770 Installation and Operation Manual,  
form number 1168408, published Sep 85.

	Compile Date	Release Level
	-----	-----
RJE3770	07/03/86	13.0.000

RJE3780 Remote Workstation Program

Style number: B1000PWR                      Software Specification: 1126919  
Catalog number: 3258 7065

Software Manual: RJE3780 Installation, Operation and  
Functional Description Manual,  
form number 1152295, published Jan 84,  
PCN 001, published Sep 86 (13.0 Release).

	Compile Date	Release Level
	-----	-----
RJE3780	06/05/86	13.0.000

Report Program Generator (RPG) Compiler

Style number: B1000RPG                      Software Specification: 1125796  
Catalog number: 3258 7099

Software Manual: RPG Language Manual,  
form number 1152063, published Mar 84,  
PCN 002, published Feb 86 (12.0 Release).

	Compile Date	Release Level
	-----	-----
RPG	05/08/86	13.0.000
RPG/BTF	05/08/86	13.0.000
RPG/REORD	05/08/86	13.0.000
RPG/REORG	05/08/86	13.0.000



**Supervisory Message Control System (SMCS)**

Style number: B1000SMC                      Software Specification: 1126901  
Catalog number: 3258 7198

Software Manuals: SMCS Installation, Operation and  
Functional Description Manual,  
form number 5016488, published Mar 85,  
PCN 001, published Oct 86 (13.0 Release).

	Compile Date	Release Level
	-----	-----
SMCS	07/31/86	13.0.000
SMCS/HELP	04/10/86	13.0.000

**System Communication Module (SYCOM)**

Style number: B1000SYC                      Software Specification: 1125762  
Catalog number: 3258 7289

Software Manual: SYCOM Installation, Operation and  
Functional Description Manual,  
form number 1152287, published Jul 84,  
PCN 001, published Mar 85 (12.0 Release).

	Compile Date	Release Level
	-----	-----
SYCOM	06/05/86	13.0.000

**Time Analysis and Billing System (TABS)**

Style number: B1000TAB                      Software Specification: 1126893  
Catalog number: 3258 8741

Software Manual: Time Analysis and Billing System (TABS) Manual,  
form number 1090669, published Feb 83.

	Compile Date	Release Level
	-----	-----
TABS/ACCTS	09/22/82	13.0.000
TABS/BILLING	09/26/84	13.0.000
TABS/DMS	03/19/84	13.0.000
TABS/ERR	09/22/82	13.0.000
TABS/EXEC	09/23/82	13.0.000
TABS/HDWR	09/23/82	13.0.000
TABS/LOGOUT	07/01/86	13.0.000
TABS/MIX	09/22/82	13.0.000
TABS/REPORTGEN	10/24/84	13.0.000
TABS/SUM	06/18/86	13.0.000
TABS/UPDATE	11/02/82	13.0.000

**Text/Editor**

Style number: B1000TE1                      Software Specification: 1125895  
Catalog number: 3258 7321

Software Manual: Text Editor Reference Manual,  
form number 1090610, published Apr 79.

	Compile Date	Release Level
	-----	-----
TEXT/EDITOR	01/04/85	13.0.000

**User Programming Language (UPL) Compiler**

Style number: B1000UPL                      Software Specification: 1133725  
Catalog number: 3258 7362

Software Manual: SDL/UPL Language Manual,  
form number 1137833, published Jul 82,  
PCN 001, published May 83 (11.0 Release).

	Compile Date	Release Level
	-----	-----
SDL/ERRORS	09/18/80	13.0.000
SDL/XMAP	12/04/85	13.0.000
SDL/XREF	12/04/85	13.0.000
UPL	06/30/86	13.0.000

**Work Flow Language (WFL)**

Style number: B1000wFL                      Software Specification: 1166071  
Catalog number: 3628 1251

Software Manual: Work Flow Language (WFL) Manual,  
form number 5025265, published Sep 86.

	Compile Date	Release Level
	-----	-----
SYSTEM/WFL	07/01/85	13.0.000
WFLINTRIN/AGGREGATE	06/18/86	13.0.000

**IBM 1400 Interpreter**

Style number: CS1800I4M                      Software Specification: 1099470  
Catalog number: 2814 3741

Software Manual: 1400 Interpreter Reference Manual,  
form number 1127560, published Dec 81.

	Compile Date	Release Level
	-----	-----
1400/CREATE1311	10/01/81	13.0.000
1400/IEP	10/01/81	13.0.000
1400/INTERP2U	12/01/83	13.0.000

17 FEB 1987

UNISYS Corporation

Interoffice Memorandum  
File: DIS

To:  
John Barnstable

Date:  
February 17, 1987

Department:  
Software Distribution

Location:  
Wayne MI

From:  
David Gilmore

Telephone:  
(805) 964-6881

Department:  
B1000 System Software PA&S

Location:  
Santa Barbara

SUBJECT:  
DISTRIBUTION INSTRUCTIONS FOR MARK 13.0 STYLE TAPES

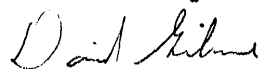
CC: J. Coger SDS

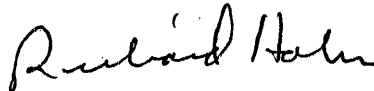
This package contains B1000 Style tapes for the Mark 13.0 software release. All of the styles that are supported by Santa Barbara are included. See transmittal attachment A for the list of styles.

Please note that for the Mark 13.0 release, ODESY is now supported by Santa Barbara. Therefore, the TC1234 style tape already contains the ODESY software, and thus does not need the extra DE2 tape to be attached to it, as in the Mark 12.0 release. We have also included a SYSTEM tape for the other packaged style tapes SF1 and TCR. It is important to note that THESE PACKAGED STYLES ARE NOT COMPLETE UNLESS COMBINED WITH A TAPE CREATED AT YOUR FACILITY! You must add a tape that contains the software that we do not update, for example GEMCOS.

The 3-page AVAILABILITY LETTER must be mailed to each B1000 customer. This is the only way they know that the new software is available. Customers must order the software they desire, based on the information they receive in the AVAILABILITY LETTER. The package also contains a SOFTWARE COVER LETTER for each style. These Cover Letters should be used as shipping enclosures for ordered software.

If there are any questions, please contact PA&S for further clarification. The telephone number is (805) 964-6881. PLEASE ACKNOWLEDGE RECEIPT OF THIS PACKAGE AND INCLUDE AN APPROXIMATE SHIP DATE. Thank you.

  
David Gilmore  
PTR Coordinator

  
Richard Holmes  
Manager  
B1000 PA&S

SOFTWARE PRODUCT TRANSMITTAL  
PHASE REVIEW FACT SHEET - Section 9

DATE: 2/17/87

CUSTOMER USE  INTERNAL USE ONLY  DEMO ONLY   
PRODUCT(S) ANNOUNCED YES  NO

I. GENERIC INFORMATION

A. TRANSMITTAL CLASSIFICATION

PRELIMINARY  PRELIMINARY  ADVANCE  FINAL   
(PHASE 2 INPUT) (PHASE 3 INPUT) (30 DAYS BEFORE FINAL) (WITH PRODUCT)

CHANGE INFORMATION  
PRELIMINARY  PRELIMINARY  ADVANCE  FINAL

B. PRODUCT DESCRIPTION: Mark 13.0 System Software Release

C. RELEASE LEVEL: Mark 13.0

D. RELEASE TYPE:

MARK  MAINTENANCE  PATCH   
NEW  UPDATE  DOCUMENTATION ONLY

E. DEPENDENCIES (ATTACH LIST IF REQUIRED )

HARDWARE B1000/B1990/B1900/B1800  
SOFTWARE B1000 Mark 13.0 System Software (native mode)

F. SCHEDULE START COMPLETE

PHASE 2 REVIEW MEETING  
PHASE 3 REVIEW MEETING  
PRODUCT ANNOUNCEMENT  
FIELD QUALIFICATION  
PHASE 4 REVIEW MEETING  
FIRST CUSTOMER SHIP  
PHASE REVIEW SECTION 9 INPUT DUE BY \_\_\_\_\_

G. MEDIA PACKAGING (AS TRANSMITTED TO SPDS)

FINAL MEDIA  MULTIPLE STYLES ON CONSOLIDATED MEDIA   
SYSTEM/PROGRAM TO BE USED TO LOCATE STYLES ON SEPARATE MEDIA:

H. COPYRIGHT YEAR OF © 1986 © OWNER Burroughs Corporation

II. PRODUCT AND MEDIA INFORMATION  
COMPLETE ATTACHMENT A (OR EQUIVALENT)

III. FILE INFORMATION  
ATTACH LISTING OF FILE NAMES ASSIGNED TO EACH STYLE NAME

**PRODUCT AND MEDIA INFORMATION**

**ATTACHMENT A**

**PRODUCT NAME:** See Attachment A (1 page)

**PAGE** \_\_\_\_\_ **OF** \_\_\_\_\_ **PAGES**

STYLE NAME	CATALOG NUMBER	STYLE M&E NUMBER	RELEASE LEVEL	STYLE DESCRIPTION	MEDIA TYPE	MEDIA ID	FILE TYPE	MEDIA M&E NUMBER	TAPE LENGTH
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See attached

DOCUMENT INFORMATION

ATTACHMENT B

PRODUCT NAME: See Attachment B (21 pages) PAGE \_\_\_\_\_ OF \_\_\_\_\_ PAGES

AVAILABILITY LETTER 3 PAGES

COVER LETTER 1 PAGES

FLASH INDEX NUMBER 13.0.000

STYLE NAME	SOFTWARE SPEC.NO.	MANUAL NO.	PCN NO.	ERRATA NO.	MANUAL DESCRIPTION	I ✓	U ✓	BINDER SIZE	BINDER NO.
_____	_____	_____	_____	_____	_____			_____	_____

**IV. DOCUMENT INFORMATION**  
**COMPLETE ATTACHMENT B (OR EQUIVALENT)**

**V. PRODUCT PACKAGING**  
**SPECIAL INSTRUCTION IF REQUIRED:**  
See distribution instructions.

**VI. THIRD PARTY INFORMATION**

A. VENDOR NAME/ADDRESS

B. PRODUCT NAME

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

C. VENDOR SUPPLIES FINISHED  
PRODUCT PACKAGE?  
YES  NO

D. CONTRACT DATE \_\_\_\_\_ ADMINISTRATOR \_\_\_\_\_

E. CONTRACT TERMS:

UPFRONT PAYMENT-UNLIMITED REPRODUCTION

PER COPY PAYMENT-LIMITED REPRODUCTION

RECORD KEEPING REQUIREMENTS \_\_\_\_\_

REPORTING REQUIREMENTS \_\_\_\_\_

UNIQUE LABEL REQUIREMENTS \_\_\_\_\_

SERIALIZATION REQUIREMENTS \_\_\_\_\_

SPECIAL RESTRICTIONS \_\_\_\_\_

**VII. SUPPORT INFORMATION**

RESPONSIBLE SUPPORT CENTER(S) PA&S Santa Barbara

REPLACEMENT FOR RELEASE LEVEL \_\_\_\_\_

PATCHES/SUPPORTS RELEASE LEVEL Mark 13.0

**VIII. APPROVAL INFORMATION**

TRANSMITTING DEVELOPMENT CENTER NAME Santa Barbara Programming Center

ORIGINATED BY Dave Gilmore TELEPHONE NO. (805)964-6881

APPROVED BY Dave Gilmore DATE 2/17/87

PRODUCT ASSURANCE AND SUPPORT

APPROVED BY Richard Holmes Richard Holmes DATE 2/17/87



## PRODUCT AND MEDIA INFORMATION

## ATTACHMENT A

STYLE	CATALOG	RELEASE	DESCRIPTION	MEDIA	MEDIA ID	FILETYPE
B1000	BAS	3258 6067	13.0 BASIC COMPILER	42	BA5	OSL
B1000	DA1	3258 6075	13.0 INTERACTIVE BASIC	42	BA1	OSL
B1000	BN5	2944 7542	13.0 BURROUGHS NETWORK ARCHITECTURE	42	BN5	OSL
C51000	B3I	2814 3758	13.0 B100/200/300/500 INTERPRETER	42	B3I	OSL
B1000	CB1	3258 6166	13.0 COBOL74 COMPILER	42	CB1	OSL
B1990	CD5	3695 4477	13.0 COBOL74B TEST AND DEBUG SYSTEM (AID)	42	CD5	OSL
B1000	CE1	3258 6174	13.0 COMMAND AND EDIT (CANDE)	42	CE1	OSL
B1000	COB	2814 3535	13.0 COBOL (68) COMPILER	42	COB	OSL
B1990	C74	3695 4451	13.0 COBOL74B COMPILER	42	C74	OSL
B1000	DE2	3258 6218	13.0 ON-LINE DATA ENTRY SYSTEM (ODESY)	42	DE2	OSL
B1000	DM1	3258 6232	13.0 DMS II INQUIRY	42	DM1	OSL
B1000	DM2	3258 6240	13.0 DATA BASE MANAGEMENT SYSTEM	42	DM2	OSL
B1000	EB5	3628 1236	13.0 IBM 3270 B15YNC	42	EB5	OSL
B1000	ESN	3628 1244	13.0 IBM 3270 SNA	42	ESN	OSL
B1000	FOR	3258 6273	13.0 FORTRAN COMPILER	42	FOR	OSL
B1000	FR1	3258 6299	13.0 FORTRAN 77 COMPILER	42	FR1	OSL
B1000	HAS	3258 6364	13.0 HASP REMOTE TERMINAL PROGRAM	42	HAS	OSL
C51800	I4M	2814 3741	13.0 IBM 1400 INTERPRETER	42	I4M	OSL
B1990	MON	3695 4493	13.0 MONITOR	42	MON	OSL
B1000	MP2	3258 6679	13.0 MASTER CONTROL PROGRAM (BMG)	42	SYSTEM	OSL
B1000	MP3	3628 1228	13.0 MASTER CONTROL PROGRAM (INTERNATIONAL)	42	SYSTEM	OSL
B1000	MP4	3628 1228	13.0 MASTER CONTROL PROGRAM (INTERNATIONAL)	42	SYSTEM	OSL
B1000	NDL	3258 6752	13.0 NETWORK DEFINITION LANGUAGE	42	NDL	OSL
B1990	PA5	3695 4485	13.0 PASCAL COMPILER	42	PA5	OSL
B1000	PWR	3258 7065	13.0 RJE3700 REMOTE TERMINAL PROGRAM	42	PWR	OSL
B1990	RJE	3695 4501	13.0 RJE3770 SNA REMOTE WORKSTATION	42	RJE	OSL
B1000	RPG	3258 7099	13.0 REPORT PROGRAM GENERATOR (RPG)	42	RPG	OSL
B1000	R10	3696 8451	13.0 RJE HOST SYSTEMS	42	R10	OSL
B1000	R61	3258 7131	13.0 REMOTE JOB ENTRY TERMINAL	42	R61	OSL
B1000	5F1		13.0 B1000 5F1 PACKAGE	42	SYSTEM	OSL
B1000	SMC	3258 7198	13.0 SUPERVISORY MESSAGE CONTROL	42	SMC	OSL
B1000	SRT	3258 7180	13.0 SYSTEMS SORT	42	SRT	OSL
B1000	SYC	3258 7289	13.0 SYSTEMS COMMUNICATE MODULE (SYCOM)	42	SYC	OSL
B1000	TAB	3258 8741	13.0 TIME ANALYSIS AND BILLING SYSTEM	42	TAB	OSL
B1000	TCR		13.0 B1000 TCR PACKAGE	42	SYSTEM	OSL
B1000	TC1		13.0 B1000 TC1234 PACKAGE	42	SYSTEM	OSL
B1000	TE1	3258 7321	13.0 TEXT/EDITOR	42	TE1	OSL
B1000	UPL	3258 7362	13.0 USER PROGRAMMING LANGUAGE	42	UPL	OSL
B1000	WFL	3628 1251	13.0 WORK FLOW LANGUAGE	42	WFL	OSL
B1000	XMT	3360 3382	13.0 ENTIRE CASSETTE PACKAGE	11		OSL
B1000	XM3	3360 3325	13.0 PACK/INIT	11		OSL
B1000	XM4	3360 3339	13.0 STANDALONE/DISK-DUMP	11		OSL
B1000	XM5	3360 3341	13.0 DISK/DUMP	11		OSL
B1000	XM6	3360 3358	13.0 COLDSTART/DISK	11		OSL
B1000	XM7	3360 3366	13.0 CLEAR/START	11		OSL
B1000	XM8	3360 3374	13.0 COLDSTART/TAPE	11		OSL

B 1000 System Software Release  
Mark 13.0 SYSNOTE1

Master Control Program II (MCP II) - for BMG

Style number: ~~B1000MP2~~ ~~Software Specification Form 125538~~  
Catalog number: 3258 6679

Software Manuals: System Software Operation Guide, Volume 1,  
form number ~~5024528~~, published Sep 86.

System Software Operation Guide, Volume 2,  
form number ~~1169091~~, published Feb 85, *Updated*  
PCN 003, published Sep 86 (13.0 Release).

The COLDSTART files

	Compile Date	Release Level
1 GISM03	06/30/86	13.0.000
2 MCPII	09/30/86	13.0.000
3 MCPII/MICRO-MCP	07/22/86	13.0.000
4 SDL2/INTERP3M	07/03/86	13.0.000
5 SDL2INTRIN/AGGREGATE	07/03/86	13.0.000
6 SYSTEM/CONTROLLER	07/22/86	13.0.000
7 SYSTEM/COPY	08/11/86	13.0.000
8 SYSTEM/INIT	06/30/86	13.0.000
9 SYSTEM/ODT	07/31/86	13.0.000
10 SYSTEM/PANDA	08/11/86	13.0.000

The other B1000MP2 files

11 BASIC/INTERP3M	04/19/82	13.0.000
12 BASINTRN3/AGGREGATE	08/03/83	13.0.000
13 COBOL/INTERP1M	12/04/85	13.0.000
14 COBOL74/INTERP1M	12/04/85	13.0.000
15 COBOL74B/INTERP	08/07/86	13.0.000
16 FOR-INTRIN	11/29/85	13.0.000
17 FORTRAN/INTERP1M	11/30/85	13.0.000
18 FORTRAN77/INTERP2M	05/01/86	13.0.000
19 FORTRAN77/INTRINSICS	05/19/86	13.0.000
20 IBASIC/INTERP	11/10/82	13.0.000
21 IBASIC/INTRINSICS	11/10/82	13.0.000
22 PASCAL/INTERP4M	05/15/86	13.0.000
23 PASCAL/LIBRARY	12/05/85	13.0.000
24 RPG/INTERP1M	05/08/86	13.0.000
25 SDL/INTERP1M	11/10/84	13.0.000
26 SDLINTRIN/AGGREGATE	01/11/85	13.0.000

B 1000 System Software Release  
Mark 13.0 SYSNOTE1

Master Control Program II (MCP II) - for International

Style number: ~~B1000MP3.1~~ Software Specification: ~~1188869a~~  
Catalog number: 3628 1228

Software Manuals: System Software Operation Guide, Volume 1,  
form number 5024508, published Sep 86.

System Software Operation Guide, Volume 2,  
form number 1169091, published Feb 85, *Updated*  
PCN 0037 published Sep 86 (13.0 Release).

The COLDSTART files

	Compile Date	Release Level
	-----	-----
GISM02	06/30/86	13.0.000
MCPII	09/30/86	13.0.000
MCPII/MICRO-MCP	07/22/86	13.0.000
SDL2/INTERP3M	07/03/86	13.0.000
SDL2INTRIN/AGGREGATE	07/03/86	13.0.000
SYSTEM/CONTROLLER	07/22/86	13.0.000
SYSTEM/COPY	08/11/86	13.0.000
SYSTEM/INIT	06/30/86	13.0.000
SYSTEM/ODT	07/31/86	13.0.000
SYSTEM/PANDA	08/11/86	13.0.000

The other B1000MP3 files

BASIC/INTERP3M	04/19/82	13.0.000
BASINTRN3/AGGREGATE	08/03/83	13.0.000
COBOL/INTERP1M	12/04/85	13.0.000
COBOL74/INTERP1M	12/04/85	13.0.000
COBOL74B/INTERP	08/07/86	13.0.000
FOR-INTRIN	11/29/85	13.0.000
FORTTRAN/INTERP1M	11/30/85	13.0.000
FORTTRAN77/INTERP2M	05/01/86	13.0.000
FORTTRAN77/INTRINSICS	05/19/86	13.0.000
IBASIC/INTERP	11/10/82	13.0.000
IBASIC/INTRINSICS	11/10/82	13.0.000
PASCAL/INTERP4M	05/15/86	13.0.000
PASCAL/LIBRARY	12/05/85	13.0.000
RPG/INTERP1M	05/08/86	13.0.000
SDL/INTERP1M	11/10/84	13.0.000
SDLINTRIN/AGGREGATE	01/11/85	13.0.000

B 1000 System Software Release  
Mark 13.0 SYSNOTE1

Master Control Program II (MCP II) - for International (DMS on slave)

Style number: ~~B1000MP4~~ Software Specification: ~~T125838~~  
Catalog number: 3628 1228

Software Manuals: System Software Operation Guide, Volume 1,  
form number ~~5024508~~, published Sep 86.

System Software Operation Guide, Volume 2,  
form number ~~1169091~~, published Feb 85, *Updated*  
PCN ~~003~~, published Sep 86 (13.0 Release).

The COLDSTART files

	Compile Date	Release Level
	-----	-----
GISMO3	06/30/86	13.0.000
MCPII	09/30/86	13.0.000
MCPII/MICRO-MCP	07/22/86	13.0.000
SDL2/INTERP3M	07/03/86	13.0.000
SDL2INTRIN/AGGREGATE	07/03/86	13.0.000
SYSTEM/CONTROLLER	07/22/86	13.0.000
SYSTEM/COPY	08/11/86	13.0.000
SYSTEM/INIT	06/30/86	13.0.000
SYSTEM/ODT	07/31/86	13.0.000
SYSTEM/PANDA	08/11/86	13.0.000

The other B1000MP4 files

BASIC/INTERP3M	04/19/82	13.0.000
BASINTRN3/AGGREGATE	08/03/83	13.0.000
COBOL/INTERP1M	12/04/85	13.0.000
COBOL74/INTERP1M	12/04/85	13.0.000
COBOL74B/INTERP	08/07/86	13.0.000
FOR-INTRIN	11/29/85	13.0.000
FORTTRAN/INTERP1M	11/30/85	13.0.000
FORTTRAN77/INTERP2M	05/01/86	13.0.000
FORTTRAN77/INTRINSICS	05/19/86	13.0.000
IBASIC/INTERP	11/10/82	13.0.000
IBASIC/INTRINSICS	11/10/82	13.0.000
PASCAL/INTERP4M	05/15/86	13.0.000
PASCAL/LIBRARY	12/05/85	13.0.000
RPG/INTERP1M	05/08/86	13.0.000
SDL/INTERP1M	11/10/84	13.0.000
SDLINTRIN/AGGREGATE	01/11/85	13.0.000

B 1000 System Software Release  
Mark 13.0 SYSNOTE1

Entire Cassette or 5 1/4" Floppy Disk Package

Style number: ~~B1000XM1~~ Software Specification: ~~B100019~~  
Catalog number: 3360 3382

Software Manual: System Software Operation Guide, Volume 2,  
form number ~~1169001~~, published Feb 85,  
~~PCN 003~~, published Sep 86 (13.0 Release).

*Updated*

	Compile Date	Release Level
	-----	-----
CLEAR/START	06/30/86	13.0.000
COLDSTART/DISK	05/09/86	13.0.000
COLDSTART/TAPE	06/26/86	13.0.000
DISK/DUMP	11/30/85	13.0.000
PACK/INIT	11/30/85	13.0.000
STANDALONE/DISK-DUMP	05/08/86	13.0.000

Disk Pack Initializer Cassette (PACK/INIT)

Style number: B1000XM3  
Catalog number: 3360 3325

Stand Alone Disk Dump Cassette (STANDALONE/DISK-DUMP)

Style number: B1000XM4  
Catalog number: 3360 3333

Disk Dump Cassette (DISK/DUMP)

Style number: B1000XM5  
Catalog number: 3360 3341

Cold Start Disk Cassette (COLDSTART/DISK)

Style number: B1000XM6  
Catalog number: 3360 3358

Clear Start Cassette (CLEAR/START)

Style number: B1000XM7  
Catalog number: 3360 3366

Cold Start Tape Cassette (COLDSTART/TAPE)

Style number: B1000XM8  
Catalog number: 3360 3374

B 1000 System Software Release  
Mark 13.0 SYSNOTE1

Utility Programs

Style number: ~~B1000.UTL~~  
Catalog number: 3258 7370

Software Specification: ~~11106089~~

Software Manuals: System Software Operation Guide, Volume 2,  
form number ~~1169091~~, published Feb 85,  
~~PCN-003~~, published Sep 86 (13.0 Release).

*Updated*

B 1000 Systems Memory Dump Analysis  
Functional Description Manual,  
form number ~~1162055~~, published Mar 85.

	Compile Date	Release Level
	-----	-----
27 CASSETTE/LOADER	11/22/85	13.0.000
28 CASSETTE/MAKER	06/27/83	13.0.000
29 CLEAR/START	06/30/86	13.0.000
30 CODE/ANALYZER	12/03/85	13.0.000
31 COLDSTART/DISK	05/09/86	13.0.000
32 COLDSTART/TAPE	06/26/86	13.0.000
33 CONVERT/BACKUP	06/27/83	13.0.000
34 CREATE/ISAM	11/25/85	13.0.000
35 CREATE/TABLE	11/30/85	13.0.000
36 DC/AUDIT	04/25/86	13.0.000
37 DISK/ALLOCATOR	11/30/85	13.0.000
38 DISK/DUMP	11/30/85	13.0.000
39 DISKETTE/COPY	08/11/86	13.0.000
40 DISKPACK/INTERCHANG	05/27/82	13.0.000
41 DOCUMENT/HALTS	10/09/86	13.0.000
42 DOCUMENT/SYSNOTE1	12/17/86	13.0.000
43 DOCUMENT/SYSNOTE2	11/07/86	13.0.000
44 DOCUMENT/SYSNOTE3	10/09/86	13.0.000
45 DMPALL	08/06/86	13.0.000
46 FOREIGN/TAPECOPY	09/27/82	13.0.000
47 GISMO/SA	06/12/84	13.0.000
48 INITIALIZE/ANALYZER	11/30/85	13.0.000
49 INPUT/PCS-TABLES	12/22/83	13.0.000
50 INTRINSICS/AGGR-MAKER (Support Product)	06/03/82	13.0.000
51 LOGCONVERT	12/17/85	13.0.000

B 1000 System Software Release  
 Mark 13.0 SYSNOTE1

Utility Programs (continued)

	Compile Date	Release Level
	-----	-----
52 PACK/INIT	11/30/85	13.0.000
53 QWIKLOG	11/30/85	13.0.000
54 RD	08/11/86	13.0.000
55 RDCOPY (Support Product)	02/02/85	13.0.000
56 REMOTE/LISTER	08/08/86	13.0.000
57 REMOTE/PRINT	07/02/86	13.0.000
58 SDL/INTERP1U	12/18/81	13.0.000
59 SDL/SSC	06/26/86	13.0.000
60 SDL2INTRIN/REMOVER	11/02/84	13.0.000
61 SSLOAD/MAKCAS	11/30/85	13.0.000
62 STANDALONE/DISK-DUMP	05/03/86	13.0.000
63 SYSTEM/BACKUP	08/11/86	13.0.000
64 SYSTEM/BUILDTRAIN	12/22/83	13.0.000
65 SYSTEM/COMPARE	12/01/85	13.0.000
66 SYSTEM/DISK-DUMP	01/09/86	13.0.000
67 SYSTEM/DISK-INIT	12/01/85	13.0.000
68 SYSTEM/ELOGOUT	06/05/86	13.0.000
69 SYSTEM/FILE-INIT	07/12/82	13.0.000
70 SYSTEM/ICMD-INIT	05/27/82	13.0.000
71 SYSTEM/IDA	08/27/86	13.0.000
72 SYSTEM/ISVERIFY	05/30/86	13.0.000
73 SYSTEM/IS-MAINT	05/27/86	13.0.000
74 SYSTEM/LDCONTRL	08/13/86	13.0.000
75 SYSTEM/LOAD-CAS	06/14/84	13.0.000
76 SYSTEM/LOGOUT	12/17/85	13.0.000
77 SYSTEM/MAKEUSER	02/07/86	13.0.000
78 SYSTEM/MARK-SEGS	06/20/83	13.0.000
79 SYSTEM/MLFIRMWARE (Support Product)	02/25/86	13.0.000
80 SYSTEM/ODTLOGOUT	05/29/86	13.0.000
81 SYSTEM/PACKCOPY	07/24/86	13.0.000
82 SYSTEM/PACKCOPY-T	03/09/86	13.0.000
83 SYSTEM/SQUASH	06/13/86	13.0.000
84 SYSTEM/TRAINTABLE	04/18/84	13.0.000
85 TAPECOPY	06/27/83	13.0.000

B 1000 System Software Release  
Mark 13.0 SYSNOTE1

Systems SORT

Style number: ~~B1000SRT~~ Software Specification: ~~11121520~~  
Catalog number: 3258 7130

Software Manual: SORT Manual,  
form number ~~1152071~~, published Sep 83,  
PCN:001, published Mar 84 (11.0 Release).

	Compile Date	Release Level
	-----	-----
86 SORT	05/07/86	13.0.000
87 SORT/MERGE	11/22/85	13.0.000
88 SORT/QSORT	11/22/85	13.0.000
89 SORT/TAPESORT	11/25/85	13.0.000
90 SORT/UTILITY	11/25/85	13.0.000
91 SORT/VSORT	11/22/85	13.0.000

BASIC Compiler

Style number: ~~B1000BAS~~ Software Specification: ~~11121520~~  
Catalog number: 3258 6067

Software Manual: BASIC Language Manual,  
form number ~~1067535~~, published May 79,  
PCN:001, published Nov 82 (10.0 Release).

	Compile Date	Release Level
	-----	-----
92 BASIC	11/22/85	13.0.000

B100/200/300/500 Interpreter

Style number: ~~CS1000B5I~~ Software Specification: ~~11121520~~  
Catalog number: 2814 3758

Software Manual: B500 Interpreter Manual,  
form number ~~11121520~~, published Dec 81.

	Compile Date	Release Level
	-----	-----
93 B500/IEP	10/01/81	13.0.000
94 B500/INTERP2U	01/11/84	13.0.000



8 1000 System Software Release  
Mark 13.0 SYSNOTE1

Burroughs Network Architecture (BNA)

Style number: ~~81000BNS~~ Software Specification: ~~11111111~~  
Catalog number: 2964 7542

Software Manuals: Burroughs Network Architecture (BNA)  
Installation and Operation Manual,  
form number ~~11111111~~, published Sep 83,  
~~PCN-0027~~ published Sep 86 (13.0 Release).

BNA Architectural Description Ref. Man. (Vol. 1),  
form number ~~11111111~~, published Apr 81.

BNA Network Control Ref. Man. (Vol. 2),  
form number ~~11111111~~, published Apr 81.

	Compile Date	Release Level
	-----	-----
95 BNA/AUDIT	08/05/86	13.0.000
96 BNA/HSLIO	08/04/86	13.0.000
97 BNA/HSP	03/07/86	13.0.000
98 BNA/MSGS	01/17/86	13.0.000
99 BNA/NSM	06/02/86	13.0.000
100 BNA/NSP	08/05/86	13.0.000
101 BNA/PLM	08/05/86	13.0.000
102 BNA/SIZEFILE	08/06/86	13.0.000
103 BNA/TRACE	04/01/86	13.0.000
104 DOCUMENT/B1000RSVP	04/15/81	13.0.000
105 DOCUMENT/RSVP	04/15/81	13.0.000
106 RSVP	01/07/85	13.0.000
107 RSVP/TEACH	04/06/81	13.0.000

B 1000 System Software Release  
Mark 13.0 SYSNOTE1

Command AND Edit (CANDE) Program

Style number: B1000CE1 Software Specification: ~~11000000~~  
Catalog number: 3258 6174

Software Manual: CANDE Installation and Operation Manual,  
form number ~~1152006~~, published Oct 84,  
~~PCN:001~~, published Jan 85 (12.0 Release).

	Compile Date	Release Level
	-----	-----
108 CANDE	07/31/86	13.0.000
109 CANDE/ANALYZER	06/03/86	13.0.000
110 CANDE/TEACH-FILE	02/05/86	13.0.000

COBOL Compiler

Style number: ~~B1000COB~~ Software Specification: ~~11000000~~  
Catalog number: 2814 3535

Software Manual: COBOL Language Manual,  
form number ~~1097197~~, published Aug 78,  
~~PCN:004~~, published Sep 84 (11.0 Release).

	Compile Date	Release Level
	-----	-----
111 COBOL	06/25/86	13.0.000
112 COBOL/XREF	05/15/79	13.0.000

COBOL 74 Compiler

Style number: ~~B1000CB1~~ Software Specification: ~~11000000~~  
Catalog number: 3258 6166

Software Manual: COBOL74 Language Manual,  
form number ~~1100000~~, published Aug 84, *Updated*  
~~PCN:003~~, published Sep 86 (13.0 Release).

	Compile Date	Release Level
	-----	-----
113 COBOL74	08/01/86	13.0.000
114 MCS74	12/18/84	13.0.000

B 1000 System Software Release  
Mark 13.0 SYSNOTE1

COBOL74B Compiler

Style number: ~~B1990C74~~ Software Specification: ~~11887602~~  
Catalog number: 3695 4451

Style number (upgrade kit from COBOL74): B1990C4B  
Catalog number (upgrade kit from COBOL74): 3695 4469

Software Manual: COBOL74 Language Manual,  
form number ~~B1990C2~~, published Aug 84,  
~~BCN4003~~, published Sep 86 (13.0 Release).

*Updated*

	Compile Date	Release Level
	-----	-----
115 COBOL74B	08/12/86	13.0.000
116 COBOL74B/ANALYZER MCS74	12/06/85 12/18/84	13.0.000 13.0.000

COBOL74B Test and Debug System

Style number: ~~B1990CDS~~ Software Specification: ~~11887670~~  
Catalog number: 3695 4477

Software Manual: B 1000 Systems COBOL74B Test and Debug System  
Installation and Operation Manual,  
form number ~~117782~~, published Mar 85.

	Compile Date	Release Level
	-----	-----
117 COBOL74B/AID	08/07/86	13.0.000
118 COBOL74B/AID-GRAMR	03/14/86	13.0.000
119 COBOL74B/AID-TEACH	12/17/84	13.0.000
120 COBOL74B/DEBUG	08/07/86	13.0.000

B 1000 System Software Release  
Mark 13.0 SYSNOTE1

Data Management System II (DMS II)

Style number: ~~B1000DM2~~ Software Specification: ~~1125910~~  
Catalog number: 3258 6240

Software Manuals: DMSII DASDL Language Manual,  
form number ~~1152089~~, published Mar 84,  
~~PCN:001~~, published Dec 84 (12.0 Release).

DMSII Functional Description,  
form number ~~5016420~~, published Feb 85.

DMSII Host Language Interface,  
form number ~~5024515~~, published Sep 86.

	Compile Date	Release Level
	-----	-----
121 DMS/ACR	08/06/86	13.0.000
122 DMS/ACR-DBG	08/06/86	13.0.000
123 DMS/AUDITANALY	08/11/86	13.0.000
124 DMS/DASDL	08/06/86	13.0.000
125 DMS/DASDLANALY	08/06/86	13.0.000
126 DMS/DBLOCK	08/06/86	13.0.000
127 DMS/DBMAP	08/06/86	13.0.000
128 DMS/DECOMPILER	08/06/86	13.0.000
129 DMS/RECOVERDB	08/11/86	13.0.000
130 DMS/REORGANIZE	08/06/86	13.0.000

Data Management System II (DMS II) Inquiry

Style number: ~~B1000DM1~~ Software Specification: ~~1125910~~  
Catalog number: 3258 6232

Software Manual: DMSII Inquiry Manual,  
form number ~~1108625~~, published Dec 82,  
~~PCN:001~~, published Dec 84 (12.0 Release).

	Compile Date	Release Level
	-----	-----
131 DMS/BUILDING	08/10/86	13.0.000
132 DMS/HELPING	10/19/83	13.0.000
133 DMS/INQUIRY	08/10/86	13.0.000

B 1000 System Software Release  
Mark 13.0 SYSNOTE1

**FORTRAN 66 Compiler**

Style number: ~~81000FOR~~ Software Specification: ~~10000077~~  
Catalog number: 3258 6273

Software Manual: FORTRAN Language Manual,  
form number ~~10000000~~ published Apr 78,  
~~PCN0001~~, published Dec 82 (10.0 Release).

		Compile Date	Release Level
		-----	-----
134	FORTRAN	11/21/85	13.0.000
135	FORTRAN/INTMAKER	11/20/85	13.0.000

**FORTRAN 77 Compiler**

Style number: ~~81000FR1~~ Software Specification: ~~11000000~~  
Catalog number: 3258 6299

Software Manual: FORTRAN77 Language Manual,  
form number ~~11000000~~ published Jan 84,  
~~PCN0001~~, published Oct 84 (11.0 Release).

		Compile Date	Release Level
		-----	-----
136	FORTRAN77	08/06/86	13.0.000
137	FORTRAN77/ANALYZER	11/22/85	13.0.000

B 1000 System Software Release  
Mark 13.0 SYSNOTE1

HASP Remote Terminal Program

Style number: ~~B1000HAS~~ Software Specification: ~~11005782~~  
Catalog number: 3258 6304

Software Manual: HASP Reference Manual,  
form number ~~1080578~~ published Nov 78.

		Compile Date	Release Level
		-----	-----
138	HASP	02/14/86	13.0.000
139	HASP/DISPLAY	02/14/86	13.0.000
140	HASP/MODIFIER	02/03/86	13.0.000
141	HASP/SPOOL	02/13/86	13.0.000

IBM 3270 Bisync Remote Workstation

Style number: ~~B1000EBS~~ Software Specification: ~~11005790~~  
Catalog number: 3628 1236

Software Manual: EM3270/BSC Installation, Operation and  
Functional Description Manual,  
form number ~~1102357~~ published Mar 84.

		Compile Date	Release Level
		-----	-----
142	EM3270/BSC	07/02/86	13.0.000

IBM 3270 SNA Remote Workstation

Style number: ~~B1000ESN~~ Software Specification: ~~11005792~~  
Catalog number: 3628 1244

Software Manual: EM3270/SNA Installation, Operation and  
Functional Description Manual,  
form number ~~1102358~~ published Jan 84.

		Compile Date	Release Level
		-----	-----
143	EM3270/SNA	07/02/86	13.0.000

B 1000 System Software Release  
Mark 13.0 SYSNOTE1

Interactive BASIC

Style number: ~~B1000B11~~ Software Specification: ~~B1000B12~~  
Catalog number: 3258 6075

Software Manual: Interactive BASIC Language Manual,  
form number ~~B1000B13~~ published Jan 84,  
~~PCN:001~~, published Sep 84 (11.0 Release).

144 IBASIC

Compile Date	Release Level
-----	-----
06/26/86	13.0.000

MONITOR

Style number: ~~B1000MON~~ Software Specification: ~~B1000MON1~~  
Catalog number: 3695 4493

Software Manual: B 1000 System MONITOR Installation, Operation  
and Functional Description Manual,  
form number ~~B1000MON2~~, published Sep 85.

145 MONITOR  
146 MONITOR/TEACHFILE

Compile Date	Release Level
-----	-----
08/11/86	13.0.000
06/28/85	13.0.000

B 1000 System Software Release  
Mark 13.0 SYSNOTE1

Network Definition Language (NDL) Compiler

Style number: ~~1000NDL~~  
Catalog number: 3258 6752

Software Specification: ~~1000NDL~~

Software Manuals: Network Definition Language Manual,  
form number ~~1152013~~, published Jan 84,  
~~PCN 002~~, published Mar 85, (12.0 Release).

Network Controller Installation Guide,  
form number ~~5025257~~, published Oct 86.

NDL/LIBRARY Functional Description,  
form number ~~1152013~~, published Nov 84.

MCS Functional Description,  
form number ~~1152013~~, published Sep 84.

		Compile Date	Release Level
		-----	-----
147	NDL	07/22/86	13.0.000
148	NDL/LIBRARY	07/22/86	13.0.000
149	SYSTEM/QCONFIGURE	06/04/86	13.0.000
150	SYSTEM/QFQUAD1	01/28/86	13.0.000
151	SYSTEM/QCONFIGS	01/31/86	13.0.000
152	SYSTEM/QPARAMHELP	02/07/86	13.0.000
153	SYSTEM/QFEASYNCA	05/06/86	13.0.000
154	SYSTEM/QFEASYNCE	01/28/86	13.0.000
155	SYSTEM/QFEBISYNCA	05/06/86	13.0.000
156	SYSTEM/QFEBISYNCE	03/19/86	13.0.000
157	SYSTEM/QFEDIRECT	05/06/86	13.0.000
158	SYSTEM/QFESYNCA	03/19/86	13.0.000
159	SYSTEM/QFESYNCE	05/06/86	13.0.000
160	SYSTEM/QFEBISYNCA	01/28/86	13.0.000
161	SYSTEM/QFEBISYNCE	05/06/86	13.0.000
162	SYSTEM/QFODIRECT	03/19/86	13.0.000
163	SYSTEM/QFOSYNCA	05/06/86	13.0.000
164	SYSTEM/QFOSYNCE	03/19/86	13.0.000
165	SYSTEM/QFHBSYNCA	01/28/86	13.0.000
166	SYSTEM/QFHBSYNCE	05/06/86	13.0.000
167	SYSTEM/QFHHSYNCA	05/06/86	13.0.000



B 1000 System Software Release  
Mark 13.0 SYSNOTE1

On-Line Data Entry System (ODESY)

Style number: ~~B1000DE2~~ Software Specification: ~~1104294~~  
Catalog number: 3258 6218

Software Manuals: B 1000 ODESY Capabilites Manual,  
form number ~~1121093~~.

B 1000 ODESY Installation Manual,  
form number ~~1121093~~, published May 83,  
~~PCN-001~~, published Oct 85 (2.30 Release).

*Updated*

B 1000 ODESY Terminal Operator's Manual  
form number ~~1121093~~, published Nov 84,  
~~PCN-002~~, published Oct 85 (2.30 Release).

*Updated*

	Compile Date	Release Level
	-----	-----
168 COPY/SYSTEM	06/30/83	2.40.000
169 COPY/TANK	11/22/80	2.40.000
170 COPY/FORMATS	05/06/86	2.40.000
171 NDL/ODESY	11/09/82	2.40.000
172 ODESY/CONVERT	07/01/86	2.40.000
173 ODESY/DUMP	07/01/86	2.40.000
174 ODESY/EDIT	07/01/86	2.40.000
175 ODESY/EXTRACT	07/01/86	2.40.000
176 ODESY/FILEMAINT	07/01/86	2.40.000
177 ODESY/FORMAINT	07/01/86	2.40.000
178 ODESY/PRINT	07/01/86	2.40.000
179 ODESY/STATS	07/01/86	2.40.000
180 ODESYDATA/FORMATS	10/09/82	2.40.000
181 ODESYDATA/SYSTEM	10/09/82	2.40.000
182 ODESYDATA/TANK	10/09/82	2.40.000
183 ODESYSETUP/FORDUMP	05/06/86	2.40.000
184 ODESYSETUP/INPUT	05/06/86	2.40.000
185 ODESYSETUP/PRINT	11/13/80	2.40.000
186 ODESYSETUP/SQUASH	12/01/80	2.40.000
187 ODESY240/DOCUMENT	07/09/86	2.40.000
188 SOURCE/CONVERT	07/01/86	2.40.000
189 SOURCE/DUMP	07/01/86	2.40.000
190 SOURCE/EDIT	07/01/86	2.40.000
191 SOURCE/EXTRACT	07/01/86	2.40.000
192 SOURCE/FILEMAINT	07/01/86	2.40.000
193 SOURCE/FORMAINT	07/01/86	2.40.000
194 SOURCE/PRINT	07/01/86	2.40.000
195 SOURCE/STATS	07/01/86	2.40.000

B 1000 System Software Release  
Mark 13.0 SYSNOTE1

Pascal Compiler

Style number: ~~B1990PAS~~ Software Specification: ~~1187788~~  
Catalog number: 3695 4485

Software Manual: Pascal Language Manual,  
form number ~~5024490~~, published Sep 86.

	Compile Date	Release Level
	-----	-----
196 PASCAL	05/09/86	13.0.000
197 PASCAL/ANALYZER	11/26/85	13.0.000

RJE Host System

Style number: ~~B1000R10~~ Software Specification: ~~1187788~~  
Catalog number: 3696 8451

Software Manual: RJE Reference Manual,  
form number ~~1090502~~, published Apr 81.

	Compile Date	Release Level
	-----	-----
198 RJE/AUTOBACKUP	02/04/86	13.0.000
199 RJE/CONTROLLER	03/06/86	13.0.000
200 RJE/MESSAGES	02/06/85	13.0.000

Remote Job Entry (RJE) Workstation Program

Style number: ~~B1000R61~~ Software Specification: ~~1187788~~  
Catalog number: 3258 7131

Software Manual: RJE Reference Manual,  
form number ~~1090502~~, published Apr 81.

	Compile Date	Release Level
	-----	-----
201 RJE	02/05/86	13.0.000

B 1000 System Software Release  
Mark 13.0 SYSNOTE1

RJE3770 SNA Remote Workstation Program

Style number: ~~B1990RJE~~ Software Specification: ~~1122296~~  
Catalog number: 3695 4501

Software Manual: RJE3770 Installation and Operation Manual,  
form number ~~1122298~~, published Sep 85.

202 RJE3770

Compile Date	Release Level
-----	-----
07/03/86	13.0.000

RJE3780 Remote Workstation Program

Style number: ~~B1000WR~~ Software Specification: ~~1122297~~  
Catalog number: 3258 7065

Software Manual: RJE3730 Installation, Operation and  
Functional Description Manual,  
form number ~~1122295~~, published Jan 84,  
~~RON-001~~, published Sep 86 (13.0 Release).

*Updated*

203 RJE3780

Compile Date	Release Level
-----	-----
06/05/86	13.0.000

Report Program Generator (RPG) Compiler

Style number: ~~B1000RPG~~ Software Specification: ~~1122298~~  
Catalog number: 3258 7099

Software Manual: RPG Language Manual,  
form number ~~1122293~~, published Mar 84,  
~~RON-002~~, published Feb 86 (12.0 Release).

204 RPG  
205 RPG/BTF  
206 RPG/REORD  
207 RPG/REORG

Compile Date	Release Level
-----	-----
05/08/86	13.0.000
05/08/86	13.0.000
05/08/86	13.0.000
05/08/86	13.0.000

B 1000 System Software Release  
Mark 13.0 SYSNOTE1

Supervisory Message Control System (SMCS)

Style number: B1000SMC Software Specification: ~~1120901~~  
Catalog number: 3258 7198

Software Manuals: SMCS Installation, Operation and  
Functional Description Manual,  
form number ~~501488~~, published Mar 85,  
~~PCN 001~~, published Sep 86 (13.0 Release).

*Updated*

*208* SMCS  
*209* SMCS/HELP

Compile Date	Release Level
-----	-----
07/31/86	13.0.000
04/10/86	13.0.000

System Communication Module (SYCOM)

Style number: B1000SYC Software Specification: ~~1120902~~  
Catalog number: 3258 7289

Software Manual: SYCOM Installation, Operation and  
Functional Description Manual,  
form number ~~1152887~~ published Jul 84,  
~~PCN 001~~, published Mar 85 (12.0 Release).

*210* SYCOM

Compile Date	Release Level
-----	-----
06/05/86	13.0.000

B 1000 System Software Release  
Mark 13.0 SYSNOTE1

Time Analysis and Billing System (TABS)

Style number: ~~B1000TAS~~ Software Specification: ~~1124895~~  
Catalog number: 3258 8741

Software Manual: Time Analysis and Billing System (TABS) Manual,  
form number ~~1090609~~, published Feb 83.

	Compile Date	Release Level
	-----	-----
211 TABS/ACCTS	09/22/82	13.0.000
212 TABS/BILLING	09/26/84	13.0.000
213 TABS/DMS	03/19/84	13.0.000
214 TABS/ERR	09/22/82	13.0.000
215 TABS/EXEC	09/23/82	13.0.000
216 TABS/HDWR	09/23/82	13.0.000
217 TABS/LOGOUT	07/01/86	13.0.000
218 TABS/MIX	09/22/82	13.0.000
219 TABS/REPORTGEN	10/24/84	13.0.000
220 TABS/SUM	06/18/86	13.0.000
221 TABS/UPDATE	11/02/82	13.0.000

Text/Editor

Style number: ~~B1000TE1~~ Software Specification: ~~1125405~~  
Catalog number: 3258 7321

Software Manual: Text Editor Reference Manual,  
form number ~~1090510~~, published Apr 79.

	Compile Date	Release Level
	-----	-----
222 TEXT/EDITOR	01/04/85	13.0.000

B 1000 System Software Release  
Mark 13.0 SYSNOTE1

User Programming Language (UPL) Compiler

Style number: B1000UPL Software Specification: ~~1135726~~  
Catalog number: 3258 7362

Software Manual: SDL/UPL Language Manual,  
form number 1137833, published Jul 82,  
PCN 001, published May 83 (11.0 Release).

		Compile Date	Release Level
		-----	-----
223	SDL/ERRORS	09/18/80	13.0.000
224	SDL/XMAP	12/04/85	13.0.000
225	SDL/XREF	12/04/85	13.0.000
226	UPL	06/30/86	13.0.000

Work Flow Language (WFL)

Style number: B1000WFL Software Specification: ~~1146071~~  
Catalog number: 3628 1251

Software Manual: Work Flow Language (WFL) Manual,  
form number ~~5025265~~, published Sep 86.

		Compile Date	Release Level
		-----	-----
227	SYSTEM/WFL	07/01/86	13.0.000
228	WFLINTRIN/AGGREGATE	06/18/86	13.0.000

IBM 1400 Interpreter

Style number: CS180014M Software Specification: ~~1099470~~  
Catalog number: 2814 3741

Software Manual: 1400 Interpreter Reference Manual,  
form number ~~1027560~~, published Dec 81.

		Compile Date	Release Level
		-----	-----
229	1400/CREATE1311	10/01/81	13.0.000
230	1400/IEP	10/01/81	13.0.000
231	1400/INTERP2U	12/01/83	13.0.000

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**B1000 SOFTWARE AVAILABILITY LETTER**  
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**SUBJECT: Availability of B1000 Mark 13.0 Release**

Unisys Corporation is pleased to announce the availability of the Mark 13.0 release to the B1000 system software.

The files in this release are available in media types 33, 34 (disk pack), 42 (magnetic tape), 11 (cassettes), and 56 (minidisk). The B1000 MP2 style is only available to USMC customers, and the B1000 MP3, B1000 MP4, and B1000 WFL styles are only available to international customers.

The B1000 Mark 13.0 system software release contains new features and enhancements to many existing program products.

Some of the more significant features in the Mark 13.0 release are briefly described in the following paragraphs.

The ability to control the scheduling of jobs and system resources has been improved through the use of job queues. Job queues are alternative schedules through which jobs of various characteristics are scheduled. A job queue can be established for jobs which place a heavy demand on a specific system resource, such as the processor, memory, disk, or printer. A site can maximize throughput by scheduling jobs through the appropriate job queues, thus limiting, for example, the number of heavy processor jobs or large print jobs while simultaneously allowing a greater number of jobs less demanding on system resources to run through a different job queue.

In addition to the network controller and BNA system, the operator can now send unsolicited input messages to the Message Control System (MCS) program or to any program using a specific printer or magnetic tape device without predetermining the mix number of that program.

WFL jobs are automatically restarted after a system clear start. The new WFL statement, ON RESTART, is used to control restarting a job. The operator can list or remove WFL jobs in the restart table.

Asynchronous compilations and executions can be initiated from a WFL job. A WFL job can process more than one task at a time and monitor the status of each task until it completes. The new STATUS task attribute and the expanded WAIT statement facilitate the monitoring of tasks.

Information can be passed from a WFL job to a COBOL74B task and back again using RUN parameters.

The new CLASS and STARTTIME specifications also improve the operational capabilities of WFL. The CLASS specification assigns a job to a specific job queue. The STARTTIME specification defines the time when the execution of a job is to begin.

CONSTANT and FUNCTION declarations, subroutine parameters, and optional job parameters improve the programming capabilities of WFL.

Program agent capability has been added to BNA. Just as a human agent (the operator) enters commands and receives responses through the Operator Display Terminal (ODT), a program agent exchanges commands and responses with BNA by means of a port file. Also, a new tracing capability has been added to the BNA/HSLIO and BNA/NSM programs.

Expanded error reporting and debugging features have been added to DMSII.

The CAUSE and DMS USE statements have been added to COBOL74B.

The array schemata feature, the type transfer function, and the assignment and query of file attributes has been added to Pascal.

Selective directory access through filters, enhanced ODT queue access, and wild card capabilities have been added to the RD program.

A new MSG command has been added to the SMCS program and the HELP, SEND, and STOP commands have been enhanced.



The SYSTEM/ODT program can now position the ODT display back to a specific time and date, temporarily freezing the display by not rapidly streaming messages back to the current time.

The SYSTEM/PANDA program now has an option to list the largest files on a pack.

Please complete and return the attached Program Maintenance Request form if you wish to order this product. Media provided by Unisys Corporation may not be returned for credit.

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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000BAS**

**CATALOG NUMBER: 3258 6067**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000BA1**

**CATALOG NUMBER: 3258 6075**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000BNS**

**CATALOG NUMBER: 2964 7542**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: CS1000B9I**

**CATALOG NUMBER: 2814 3758**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1990CD5**

**CATALOG NUMBER: 3695 4477**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000CB1**

**CATALOG NUMBER: 3258 6166**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000CE1**

**CATALOG NUMBER: 9258 6174**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000COB**

**CATALOG NUMBER: 2814 3535**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1990C74**

**CATALOG NUMBER: 3695 4451**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

Manager  
Software Distribution Services  
Software and Product Information Services

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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000DE2**

**CATALOG NUMBER: 3258 6218**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

Manager  
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Software and Product Information Services

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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000DM1**

**CATALOG NUMBER: 3258 6232**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

Manager  
Software Distribution Services  
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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000DM2**

**CATALOG NUMBER: 3258 6240**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

Manager  
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**B1000 SOFTWARE COVER LETTER**

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000EBS**

**CATALOG NUMBER: 3628 1236**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

Manager  
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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000ESN**

**CATALOG NUMBER: 3628 1244**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

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Manager  
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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000FOR**

**CATALOG NUMBER: 3258 6273**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

Manager  
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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000FR1**

**CATALOG NUMBER: 3258 6299**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

Manager  
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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000HAS**

**CATALOG NUMBER: 3258 4364**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

Manager  
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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: CS1800I4M**

**CATALOG NUMBER: 2814 3741**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1990MON**

**CATALOG NUMBER: 3695 4493**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

Manager  
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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000MP2**

**CATALOG NUMBER: 3258 6679**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

A suggested procedure for installing the new system software updates can be referenced in the B1000 Systems System Software Operation Guide, Volume 1 (Form 1169000), page 9-19.

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

Manager  
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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000NDL**

**CATALOG NUMBER: 3258 6752**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

Manager  
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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000PAS**

**CATALOG NUMBER: 3695 4485**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

Manager  
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Software and Product Information Services

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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000PWR**

**CATALOG NUMBER: 3258 7065**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

Manager  
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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1990RJE**

**CATALOG NUMBER: 3695 4501**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

Manager  
Software Distribution Services  
Software and Product Information Services

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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000RPG**

**CATALOG NUMBER: 3258 7099**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

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Software and Product Information Services

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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000R10**

**CATALOG NUMBER: 3696 8451**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000R61**

**CATALOG NUMBER: 9258 7131**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

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Manager  
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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000SMC**

**CATALOG NUMBER: 3258 7198**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

Manager  
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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B10005RT**

**CATALOG NUMBER: 3258 7290**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

Manager  
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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B10005YC**

**CATALOG NUMBER: 3258 7289**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

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Manager  
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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000TAB**

**CATALOG NUMBER: 3258 8741**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

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Manager  
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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000TE1**

**CATALOG NUMBER: 3258 7321**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

Manager  
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Software and Product Information Services

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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000UPL**

**CATALOG NUMBER: 3258 7362**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

Manager  
Software Distribution Services  
Software and Product Information Services

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B1000 SOFTWARE COVER LETTER

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**SUBJECT: Announcement of B1000 Mark 13.0 Release**

**STYLE NO: B1000WFL**

**CATALOG NUMBER: 3628 1251**

The accompanying software represents the current Mark 13.0 system software that has been ordered. This release package contains the program products of the above Style ID distributed with the current release.

This software requires the Mark 13.0 system. The files can be loaded by using the "COPY" SYSTEM/COPY command, as documented in Volume 2 of the B1000 Systems System Software Operations Guide (Form 1152097).

Information concerning the changes made to the system software contained in this release is in the DOCUMENT/SYSNOTE1 file included on the media. This file should be printed out and read carefully. It contains important information concerning the compatibility levels of related system software. Instructions for printing a file from disk can be referenced under the "PB" system command as documented in Volume 1 of the B1000 Systems System Software Operation Guide (Form 1169000).

Field Communication Forms (Form 3027057) regarding this release should be submitted to your local Unisys representative according to the procedures defined in "Field Communication Procedures", in the Mark 13.0 SYSNOTE1 document.

Manager  
Software Distribution Services  
Software and Product Information Services

23 JAN 1987

**UNISYS**  
Corporate Program Management  
One Burroughs Place  
Detroit, Michigan 48231

February 23, 1987

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**N E W P R O D U C T A N N O U N C E M E N T**

**SUBJECT: B1000 SOFTWARE RELEASE 13.0**

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Distribution: Worldwide Marketing Activities  
USMG Distribution Code Doc 2  
International Subsidiaries and Distributors

**INTRODUCTION**

Unisys is pleased to announce the availability of the Mark 13.0 release of B1000 native mode system software. This release contains new features and enhancements to many existing B1000 program products. The 13.0 release of B1000 software is the final enhancement release of B1000 software. Full support of existing products will continue with no change to current policy. All Warranty Provisions and Program Product Service Agreement (PSA) policies remain unchanged. It is Unisys intent to continue to release software fix releases when required.

**FEATURES**

This new software release incorporates a broad range of new features. Each has been carefully designed to offer the optimum in ease-of-use, performance and reliability. The following outlines briefly some of the new features.

## MASTER CONTROL PROGRAM II (MCP II)

- ° The ability to control the scheduling of jobs and system resources has been improved through the use of job queues. Job queues are alternative schedules through which jobs of various characteristics are scheduled. A job queue can be established for jobs which place a heavy demand on a specific system resource, such as the processor, memory, disk or printer. Throughput can be maximized at a site by scheduling jobs through the appropriate job queues, thus limiting, for example, the number of heavy processor jobs or large print jobs while simultaneously allowing a greater number of jobs less demanding on system resources to run through a different job queue.
- ° In addition to the network controller and BNA system, the operator can now send unsolicited input messages to the Message Control System (MCS) program or to any program using a specific printer or magnetic tape device without predetermining the mix number of that program.
- ° The operator can now position the ODT display back to a specific time and date, page backward or forward through the ODT queue, and temporarily stop the display of other ODT messages.
- ° To aid the operator in identifying the largest files on a pack, files can now be listed in order by the number of disk sectors used.

## WORK FLOW LANGUAGE (WFL)

- ° WFL jobs are now automatically restarted after a system clear start. The new WFL statement, ON RESTART, is used to control restarting a job. The operator can list the WFL jobs in, or remove the jobs from, the restart table.
- ° Asynchronous compilations and executions can now be initiated from a WFL job. A WFL job can process more than one task at a time and monitor the status of each task until it completes. The new STATUS task attribute and the expanded WAIT statement facilitate the monitoring of tasks.

- ° Information can now be passed from a WFL job to a COBOL74B task and back again using RUN parameters.
- ° The time when the execution of a job is to begin can now be specified with the new STARTTIME specification and a job can be assigned to a specific job queue with the new CLASS specification.
- ° CONSTANT and FUNCTION declarations, subroutine parameters, and optional job parameters have been implemented to improve the programming capabilities of WFL.

### BURROUGHS NETWORK ARCHITECTURE (BNA)

- ° Program agent capability has been added to BNA. Just as a human agent (the operator) enters commands and receives responses to BNA through the Operator Display Terminal (ODT), a program agent exchanges commands and responses with BNA by means of a port file.

### COBOL74B COMPILER

- ° The new CAUSE statement can be used for communication between processes in an asynchronous processing environment. The CAUSE statement causes the EXCEPTIONEVENT of the program's job to be turned ON. If the job is waiting on its EXCEPTIONEVENT, it resumes processing. If the job is not waiting on its EXCEPTIONEVENT, no action is taken.
- ° The new DMS USE statement specifies procedures for data management exception handling that are in addition to the standard procedures provided by the data base management system. DMS exception handling in COBOL74B programs may make use of the new DMSTRUCTURE and DMERRORTYPE values. Also, the pack name on which the data base dictionary resides may now be file equated at run time or permanently modified.

## DATA MANAGEMENT SYSTEM II (DMS II)

- ° No data base conversion is required to move to release 13.0
- ° The DMS activity of an application program can now be traced using the debug access routines.

## PASCAL COMPILER

- ° Improved array processing allows arrays of varying lengths and bounds to be used by a single procedure.
- ° The type transfer function, and the capability to assign and query file attributes have been added to the compiler.

## SUPERVISORY MESSAGE CONTROL SYSTEM (SMCS)

- ° The SMCS SEND command now sends messages to the status line of the destination station. Should you wish to review messages sent to your station, the new MSG command displays the most recent 20 messages sent to your stations.
- ° In addition to listing all of the valid commands for a station, the HELP command can now list the syntax and semantic information for any valid SMCS command.

## UTILITY PROGRAMS

- ° An operator can now display the messages in the ODT queue starting at a specified time and date or a specified delimited string using the RD program. Selective directory access through filters and wild card capabilities have also been added to the RD program. Filters access the disk file directory by file TYPE, EOF pointer, AREASIZE (sectors per area), FILESIZE (sectors per area times the number of areas), and the ACCESSED, CREATED and UPDATED dates. The selected files are sorted for display by file name or specified filter type.

## **MARKETING STRATEGY**

All B1000 users should be encouraged to move to the 13.0 release. The new features of workflow should attract many new workflow users. This is important since a user who has implemented workflow will find progressing to the A Series much easier, than a user who is not using workflow. Also users should be directed to convert all COBOL68 systems to COBOL74 to ease their future progression.

## **PRODUCT SUPPORT**

Warranties associated with the software products and files that comprise the B1000 13.0 system software release are as defined in the Program Product License. Any future release and supporting documentation regarding this overall software release are governed by the terms of a Program Product Service Agreement.

## **PRODUCT AVAILABILITY**

The B1000 13.0 System Software Release will be available for customer shipments beginning in March 1987.

**M.S. KOVALESKI**  
Program Manager  
Corporate Program Management





**Burroughs**

Burroughs Corporation  
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Goleta California 93117  
Telephone 805 964 6881  
Telex 658 429

19 DEC 1986

December 19, 1986

Sanat Joshi  
Room 4B91  
Unisys Corporation  
One Burroughs Place  
Detroit, MI 48232

cc: Rex Kerley (Santa Barbara)  
Richard Shobe (Santa Barbara)  
Chris Whitener (Lake Forest)

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- 1 - SUPPORT Tape

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- 2 copies of form 5712 (Request for Publication & Info Release)
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This is the last of the B1000 System Software Mark 13.0 Release. Please assign Patent Division Numbers for these tapes. If you any questions, please let me know.

Richard Holmes, Manager  
B1000 Software Department  
Product Assurance and Support  
Santa Barbara Programming Center

File ID: LETTER-JOSHI

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Patent Div. No.

Date

12/19/86

Originator

Richard Holmes

Company Name

BURROUGHS CORPORATION

City and Country

Goleta, Ca U.S.A.

Title: B1000 SYSTEM SOFTWARE RELEASE MARK 13.0 (SUPPORT)

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Material Published

Type of Copyright

(Check all entries which apply)

Printed Publication	<input checked="" type="checkbox"/>	Original	<input type="checkbox"/>	Book (Literary)	<input type="checkbox"/>	Architectural	<input type="checkbox"/>
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	1981	NFN	14632
	1983	NFN	51380
	1985	NFN	51549

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**NATOR**

Richard Holmes -	DIVISION SPG/PA&S	LOCATION Goleta, California	PHONE NO. (805) 964-6881
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**B1000 SYSTEM SOFTWARE RELEASE MARK 13.0 (SUPPORT)**

**DESCRIPTION OF MATERIAL TO BE PUBLISHED**

See the attached list of 4 printer backup files and 4 computer program source files. The printer backup files contain information on the use of the support enhancements on the Mark 13.0 release of the B1000 system software.

REFERENCES - SAME SUBJECT (LIST TITLE, DATE, FORM NO.)		GOVERNMENT CONTRACT NO.
B1000 SYSTEM SOFTWARE RELEASE MARK 12.0 (SUPPORT)	PD 51549	N/A
B1000 SYSTEM SOFTWARE RELEASE MARK 11.0 (SUPPORT)	PD 51380	
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Originator Richard Holmes Company Name Burroughs Corporation City and Country Goleta, Ca U.S.A.

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Richard Holmes	DIVISION SPG/PA&S	LOCATION Goleta, California	PHONE NO. (805)964-6881
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TITLE  
B1000 SYSTEM SOFTWARE RELEASE MARK 13.0 (SYSTEM)

DESCRIPTION OF MATERIAL TO BE PUBLISHED  
The computer source file NDL/LIBRARY.  
Also, the DOCUMENT/SYSNOTE1, DOCUMENT/SYSNOTE2, DOCUMENT/SYSNOTE3 and DOCUMENT/HALTS printer backup files which contain information on the use of the new enhancements, corrections and outstanding problems on the Mark 13.0 release of the B1000 system software.

REFERENCES - SAME SUBJECT (LIST: TITLE, DATE, FORM NO.)	GOVERNMENT CONTRACT NO.
B1000 SYSTEM SOFTWARE RELEASE MARK 12.0 (SYSTEM) PD 51550	N/A
B1000 SYSTEM SOFTWARE RELEASE MARK 11.0 PD 51378	
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<del>5</del>	<del>DOCUMENT/BOLT PTRB *</del>	BACKUP PRINT	90/20	4777	0
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15	<del>DOCUMENT/SOL2UPL2 *</del>	BACKUP PRINT	90/20	8504	1
16	<del>DOCUMENT/SOL26 LANG *</del>	BACKUP PRINT	90/20	5497	0
17	<del>DOCUMENT/TAPCOPY *</del>	BACKUP PRINT	90/20	606	0
18	BASIC/TRACE3U	INTERPRETER	180/1	39	0
19	BOLT	CODE	180/1	1685	1
20	BOLT/TEACH	DATA	90/20	7000	0
21	BOLT/ERROR	DATA	90/20	950	1
22	COROL/TRACE1U	INTERPRETER	180/1	34	1
23	COROL74/TRACF1M	INTERPRETER	180/1	82	1
24	DC/REVIEW	SDL2 CODE	180/10	117	0
25	DC/SCRIPT	SDL2 CODE	180/10	250	0
26	DIRECTORY/FIXER	SDL2 CODE	180/10	111	0
27	DISK/FIXER	SDL2 CODE	180/10	255	0
28	DMS/PACKCHANGE	SDL2 CODE	180/10	171	0
29	DMS/DRFIX	SDL2 CODE	180/10	474	0
30	DMSINCL13/ACRDICT	SDL2 SYMROL	90/20	410	0
31	DMSINCL13/AUDIT	SFQUENTIAL DATA	90/20	178	0
32	DMSINCL13/DASDLICT	SEQUENTIAL DATA	90/20	606	0
33	DMSINCL13/DEFINES	SFQUENTIAL DATA	90/20	100	0
34	DMSINCL13/HELP	SFQUENTIAL DATA	90/20	77	0
35	DMSINCL13/REORGNTL	SDL2 SYMROL	90/20	342	0
36	DMSINCL13/RUNTIME	SFQUENTIAL DATA	90/20	799	0
37	DMSINCL13/RUNTIME0X	SFQUENTIAL DATA	90/20	537	0
38	DMSINCL13/RUNTIME33X	SEQUENTIAL DATA	90/20	306	0
39	DMSINCL13/SUPRECORDS	SFQUENTIAL DATA	90/20	209	0
40	DMSINCL13/USERCOMM	SDL2 SYMBOL	90/20	215	0
41	MIL	CODE	180/1	618	1
42	PBX	SDL2 CODE	180/20	148	0
43	RDCNTL	CODE	180/1	68	0
44	RDMCS	CODE	180/1	42	0
45	RSF/COPY	SDL2 CODE	180/10	328	1
46	SDL	CODE	180/1	1466	0
47	SDL/SA	CODE	180/1	127	1
48	SDL/TRACE1U	INTERPRETER	180/1	106	1
49	SDL2	SDL2 CODE	180/10	2234	0
50	SDL2/AGGR-DEBUG	DATA	180/1	71	0
51	SDL2/BINDER	SDL2 CODE	180/10	360	0
52	SDL2/INTERP-DBG	INTERPRETER	180/1	54	0
53	SDL2/IPX	SDL2 CODE	180/10	284	1
54	SDL2/SA	SDL2 CODE	180/10	573	0
55	SDL2/RECOVER	CODE	180/1	20	0
56	SDL2/UNPATCH	CODE	180/1	24	0
57	SDL2/XREF	SDL2 CODE	180/10	328	0
58	SNA/AUDIT	SDL2 CODE	180/10	434	0
59	SOURCE/DCSCRIPT	SDL2 SYMROL	90/20	2139	1
60	SOURCE/DCREVIEW	SDL2 SYMROL	90/20	816	1
61	<del>SOURCE/DIRFIX *</del>	SDL2 SYMROL	90/20	469	0
62	SOURCE/DISKFIX	SDL2 SYMROL	90/20	1668	0
63	SOURCE/SDL2IPX	SDL2 SYMROL	90/20	2616	1
64	<del>SOURCE/PBX *</del>	SDL2 SYMROL	90/20	487	0
65	<del>SOURCE/RECOVER *</del>	SDL SYMROL	90/20	262	0
66	<del>SOURCE/RDMCS *</del>	SDL SYMROL	90/20	757	1
67	<del>SOURCE/UNITAPCOPY *</del>	SDL2 SYMROL	90/20	1376	0
68	<del>SOURCE/UNPATCH *</del>	SDL SYMROL	90/20	350	0
69	SYCOM/STATS	SDL2 CODE	180/10	158	0
70	SYSTEM/B6000COPY	SDL2 CODE	180/10	202	0
71	SYSTEM/PATCH	CODE	180/1	105	1
72	SYSTEM/PATCH2	SDL2 CODE	180/10	109	0
73	UNIVERSAL/TAPECOPY	SDL2 CODE	180/10	212	0
74	UPL2	SDL2 CODE	180/10	2237	0

Printer Backup Files

Computer Source Program Files

\* No changes since previous copyright.



Burroughs Corporation  
6300 Hollister Avenue  
Goleta California 93117  
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Telex 658 429

NOV 1986

November 21, 1986

Norman Sandler  
Room 2F59  
Unisys  
One Burroughs Place  
Detroit, MI 48232

cc: Rex Kerley (Santa Barbara)  
Richard Shobe (Santa Barbara)  
Chris Whitener (Lake Forest)

SUBJECT: Micro-Fiche for B1000 System Software Release Mark 13.0

Included with this letter are the following:

- 1 - BACKUP1 Magnetic Tape (Contains 34 MCP Printer Backup Files)
- 1 - BACKUP2 Magnetic Tape (Contains MCP Cross Reference, MICRO-MCP, and GISMO Printer Backup Files)
- 1 - MCP Printer Listing
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- 1 - GISMO Printer Listing
- 1 - MICRO-MCP Printer Listing

Please use this to create the Micro-fiche masters for distribution to Unisys field support personnel. If you any questions, please let me know.

A handwritten signature in cursive script that reads "Richard Holmes".

Richard Holmes, Manager  
B1000 Software Department  
Product Assurance and Support  
Santa Barbara Programming Center

File ID: LETTER-SENDLER



Burroughs Corporation  
6300 Hollister Avenue  
Goleta California 93117  
Telephone 805 964 6881  
Telex 658 429

21 NOV 1986

November 21, 1986

Louis Dunn  
Unisys  
P.O. Box 105237  
Atlanta, GA 30348

cc: Dave Gilmore  
Rex Kerley

SUBJECT: B1000 System SOURCE, BACKUP, and SUPPORT Tapes

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- 1 - SOURCE1 Magnetic Tape (Contains source files to B1000 software)
- 1 - SOURCE2 Magnetic Tape ...
- 1 - SOURCE2A Magnetic Tape ...
- 1 - SOURCE3 Magnetic Tape ...
- 1 - SOURCE4 Magnetic Tape ...
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These tapes are for your use in supporting the Mark 13.0 Field Test Sites. We currently plan to have only one site in California that you would need to support and the company is called Ventura Regional Sanitation District. The local Regional staff person is Joy Guerra and she can be contacted for information on the site or assist you with the site. I will let you know when we are ready to begin, however, you should review the information included with this letter to make sure you have all the necessary tools to support this site.

If you any questions, please let me know.

Richard Holmes, Manager  
B1000 Software Department  
Product Assurance and Support  
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Telex 658 429

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November 20, 1986

Sanat Joshi  
Room 4B91  
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Originator

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Company Name

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TITLE

DESCRIPTION OF MATERIAL TO BE PUBLISHED

See attached list of 31 computer program source files.

PUBLICATIONS - SAME SUBJECT (LIST: TITLE, DATE, FORM NO.)	GOVERNMENT CONTRACT NO.
B1000 SYSTEM SOFTWARE RELEASE MARK 12.0 (SOURCE1)	PD 51552
B1000 SYSTEM SOFTWARE RELEASE MARK 11.0 (SOURCE1)	PD 51381
B1000 SYSTEM SOFTWARE RELEASE MARK 10.0 (SOURCE1)	PD 14633
B1000 SYSTEM SOFTWARE RELEASE MARK 9.1 (SOURCE1)	PD 13949

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NUMBER	NAME	TYPE
1	SOURCE/ACR-CNTRL	SDL2 SYMBOL
2	SOURCE/ACR-DASDL	SDL2 SYMBOL
3	SOURCE/ACR-DDS	SDL2 SYMBOL
4	SOURCE/ACR-GSE	SDL2 SYMBOL
5	SOURCE/ACR-LIST	SDL2 SYMBOL
6	SOURCE/ACR-MISC	SDL2 SYMBOL
7	SOURCE/ACR-O	SDL2 SYMBOL
8	SOURCE/AUDITANALY	SDL2 SYMBOL
<del>9</del>	<del>SOURCE/BASIC *</del>	<del>SDL SYMBOL</del>
<del>10</del>	<del>SOURCE/BASIN *</del>	<del>DATA</del>
<del>11</del>	<del>SOURCE/BASIT *</del>	<del>DATA</del>
12	SOURCE/BNAAUDIT	SDL2 SYMBOL
13	SOURCE/BN AHSLID	SDL2 SYMBOL
14	SOURCE/BN AHSP	SDL2 SYMBOL
15	SOURCE/BN ANSMCMD1	SDL2 SYMBOL
16	SOURCE/BN ANSMCMD2	SDL2 SYMBOL
17	SOURCE/BN ANSMGLBL	SDL2 SYMBOL
18	SOURCE/BN ANSMINQ	SDL2 SYMBOL
19	SOURCE/BN ANSMLOGG	SDL2 SYMBOL
20	SOURCE/BN ANSMMAIN	SDL2 SYMBOL
21	SOURCE/BN ANSMHSZFL	SDL2 SYMBOL
22	SOURCE/BN ANSMUTIL	SDL2 SYMBOL
23	SOURCE/BN ANSP	SDL SYMBOL
24	SOURCE/BN APLM	SDL2 SYMBOL
25	SOURCE/BN ATRACE	SDL2 SYMBOL
<del>26</del>	<del>SOURCE/BOLT *</del>	<del>SDL SYMBOL</del>
27	SOURCE/BUILDING	SDL2 SYMBOL
<del>28</del>	<del>SOURCE/BUILDTRAIN *</del>	<del>SDL2 SYMBOL</del>
<del>29</del>	<del>SOURCE/B500-IEP *</del>	<del>DATA</del>
<del>30</del>	<del>SOURCE/B500-IN *</del>	<del>DATA</del>
31	SOURCE/B600COPY	SDL2 SYMBOL

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		1981	NFN	14634
		1983	NFN	51384
		1985	NFN	51553

Previous Title (if different): B1000 SYSTEM SOFTWARE RELEASE MARK 12.0 (SOURCE2)  
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TITLE  
B1000 SYSTEM SOFTWARE RELEASE MARK 13.0 (SOURCE2)

DESCRIPTION OF MATERIAL TO BE PUBLISHED  
See the attached list of 44 computer program source files.

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 KIND : 9-TRACK PE TAPE  
 SERIAL NO : 082986  
 CFEATED : 08/29/86

NUMBER	NAME	TYPE
1	DMSINCL13/ACRDICT	SDL2 SYMBOL
2	DMSINCL13/AUDIT	SEQUENTIAL DATA
3	DMSINCL13/DASDLICT	SEQUENTIAL DATA
4	DMSINCL13/DEFINES	SEQUENTIAL DATA
5	DMSINCL13/REORGNTL	SDL2 SYMBOL
6	DMSINCL13/RUNTIME	SEQUENTIAL DATA
7	DMSINCL13/SUBRECORDS	SEQUENTIAL DATA
8	DMSINCL13/USERCOMM	SDL2 SYMBOL
9	SOURCE/C-ANALYZER	SDL SYMBOL
10	SOURCE/CANDE	SDL SYMBOL
11	SOURCE/CAS-LOADER	MIL SYMBOL
12	SOURCE/CAS-MAKER	SDL SYMBOL
13	SOURCE/CLOSTTAPE	SDL SYMBOL
14	SOURCE/CLEARSTART	MIL SYMBOL
<del>15</del>	<del>SOURCE/CNVBACKUP *</del>	SDL SYMBOL
16	SOURCE/COBIN	SEQUENTIAL DATA
17	SOURCE/COBOL	SDL SYMBOL
18	SOURCE/COBOL74	SDL SYMBOL
19	SOURCE/COBXREF	COBOL68 SYMBOL
20	SOURCE/COE-ANAL	SDL SYMBOL
21	SOURCE/COMLIB	DATA
22	SOURCE/CONTROLLER	SDL SYMBOL
23	SOURCE/CREATEISAM	SDL2 SYMBOL
24	SOURCE/CREATABLE	SDL SYMBOL
25	SOURCE/CS-DISK	SDL SYMBOL
26	SOURCE/C74INTERP	SEQUENTIAL DATA
27	SOURCE/DASDL-CG	SDL2 SYMBOL
28	SOURCE/DASDL-RG	SDL2 SYMBOL
29	SOURCE/DASDL-O	SDL2 SYMBOL
30	SOURCE/DASDL-I	SDL2 SYMBOL
31	SOURCE/DASDLANALY	SDL SYMBOL
32	SOURCE/DBFIX	SDL2 SYMBOL
33	SOURCE/DBLOCK	SDL2 SYMBOL
34	SOURCE/DBMAP	SDL2 SYMBOL
35	SOURCE/DCAUDIT	DATA
36	SOURCE/DECOMPILER	SDL SYMBOL
37	SOURCE/DISK-ALLOC	SDL SYMBOL
38	SOURCE/DISK-DUMP	SDL SYMBOL
39	SOURCE/DISKET-CPY	DATA
40	SOURCE/DISPLAY	SDL SYMBOL
41	SOURCE/OMPALL	SDL2 SYMBOL
<del>42</del>	<del>SOURCE/DP-INTIGH *</del>	SDL SYMBOL
43	SOURCE/EM3270BSC	SDL2 SYMBOL
44	SOURCE/EM3270SNA	SDL2 SYMBOL

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51554

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TITLE  
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DESCRIPTION OF MATERIAL TO BE PUBLISHED

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SOURCE2A C74B

NUMBER	NAME	TYPE
1	SOURCE/AID-GLOB	SDL2 SYMBOL
2	SOURCE/AID-LIB	DATA
3	SOURCE/AID-SEM	SDL2 SYMBOL
4	SOURCE/AID-SYN	SEQUENTIAL DATA
5	SOURCE/C74B-ADD	SDL2 SYMBOL
6	SOURCE/C74B-ALT	SDL2 SYMBOL
7	SOURCE/C74B-ATT	SDL2 SYMBOL
8	SOURCE/C74B-C/	SDL2 SYMBOL
9	SOURCE/C74B-CH	SDL2 SYMBOL
10	SOURCE/C74B-CM	SDL2 SYMBOL
11	SOURCE/C74B-CODE	SDL2 SYMBOL
12	SOURCE/C74B-COM	SDL2 SYMBOL
13	SOURCE/C74B-DA	SDL2 SYMBOL
14	SOURCE/C74B-DEC	SDL2 SYMBOL
15	SOURCE/C74B-DIV	SDL2 SYMBOL
16	SOURCE/C74B-DM	SDL2 SYMBOL
17	SOURCE/C74B-DMI	SDL2 SYMBOL
18	SOURCE/C74B-DOL	SDL2 SYMBOL
19	SOURCE/C74B-EN	SDL2 SYMBOL
20	SOURCE/C74B-END	SDL2 SYMBOL
21	SOURCE/C74B-ERR	SDL2 SYMBOL
22	SOURCE/C74B-EXP	SDL2 SYMBOL
23	SOURCE/C74B-FOR	SDL2 SYMBOL
24	SOURCE/C74B-GLOB	SDL2 SYMBOL
25	SOURCE/C74B-ID	SDL2 SYMBOL
26	SOURCE/C74B-IN	SEQUENTIAL DATA
27	SOURCE/C74B-INC	SDL2 SYMBOL
28	SOURCE/C74B-IU	SDL2 SYMBOL
29	SOURCE/C74B-MISC	SDL2 SYMBOL
30	SOURCE/C74B-MOV	SDL2 SYMBOL
31	SOURCE/C74B-MUL	SDL2 SYMBOL
32	SOURCE/C74B-NC	SDL2 SYMBOL
33	SOURCE/C74B-PIC	SDL2 SYMBOL
34	SOURCE/C74B-PR	SDL2 SYMBOL
35	SOURCE/C74B-PROG	SDL2 SYMBOL
36	SOURCE/C74B-RS	SDL2 SYMBOL
37	SOURCE/C74B-SCAN	SDL2 SYMBOL
38	SOURCE/C74B-ST	SDL2 SYMBOL
39	SOURCE/C74B-SUB	SDL2 SYMBOL
40	SOURCE/C74B-SYM	SDL2 SYMBOL
41	SOURCE/C74B-TH	SDL2 SYMBOL
42	SOURCE/C74B-TYPES	SDL2 SYMBOL
43	SOURCE/C74B-XREF	SDL2 SYMBOL

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B1000 SYSTEM SOFTWARE RELEASE MARK 13.0 (SOURCE3)

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 CREATED : 09/02/86

Source3 F-L

NUMBER	NAME	TYPE
<del>1</del>	<del>SOURCE/FILEINIT *</del>	SDL2 SYMBOL
2	SOURCE/FOR-INTMAK	SDL SYMBOL
3	SOURCE/FOR-INTRIN	FORTRAN SYMBOL
4	SOURCE/FOREIGNTC	SDL SYMBOL
5	SOURCE/FORIN	MIL SYMBOL
6	SOURCE/FORTRAN	SDL SYMBOL
7	SOURCE/FORTRAN77	SDL2 SYMBOL
8	SOURCE/F77ANALYZE	SDL SYMBOL
9	SOURCE/F77COMLIB	FORTRAN SYMBOL
10	SOURCE/F77INTERP	MIL SYMBOL
11	SOURCE/F77INTRIN	FORTRAN77 SYMBOL
12	SOURCE/GISMO	MIL SYMBOL
13	SOURCE/HASP	SDL SYMBOL
14	SOURCE/IBASIC	SDL2 SYMBOL
<del>15</del>	<del>SOURCE/IBASINTERP *</del>	MIL SYMBOL
<del>16</del>	<del>SOURCE/IBASINTRIN *</del>	BASIC SYMBOL
17	SOURCE/IDABASIC	SDL2 SYMBOL
18	SOURCE/IDACOB RPG	SDL2 SYMBOL
19	SOURCE/IDACOB74	SDL2 SYMBOL
20	SOURCE/IDAC740	SDL2 SYMBOL
21	SOURCE/IDAC74BI	SDL2 SYMBOL
22	SOURCE/IDADMS	SDL2 SYMBOL
23	SOURCE/IDAELOG	SDL2 SYMBOL
24	SOURCE/IDAF FILES	SDL2 SYMBOL
25	SOURCE/IDAFORT66	SDL2 SYMBOL
26	SOURCE/IDAFORT77	SDL2 SYMBOL
27	SOURCE/IDAGLOBAL	SDL2 SYMBOL
28	SOURCE/IDAINTRPS	SDL2 SYMBOL
29	SOURCE/IDAIO	SDL2 SYMBOL
30	SOURCE/IDAJOB	SDL2 SYMBOL
31	SOURCE/IDAMCP	SDL2 SYMBOL
32	SOURCE/IDANDL	SDL2 SYMBOL
33	SOURCE/IDAODT	SDL2 SYMBOL
34	SOURCE/IDASDL	SDL2 SYMBOL
35	SOURCE/IDASDL2	SDL2 SYMBOL
36	SOURCE/IDASDL2SM	SDL2 SYMBOL
37	SOURCE/IDAWFL	SDL2 SYMBOL
38	SOURCE/INIT-ANLY	SDL SYMBOL
39	SOURCE/INQUIRY	SDL2 SYMBOL
40	SOURCE/INT-AGRMK	SDL SYMBOL
41	SOURCE/IS-MAINT	SDL SYMBOL
42	SOURCE/ISVERIFY	SDL2 SYMBOL
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Title: B1000 SYSTEM SOFTWARE RELEASE MARK 13.0 (SOURCE4)

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Punched Paper Tape _____	Compilation _____	Movie _____	Sculpture _____
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		1983	NFN	51385
		1985	NFN	51556

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TITLE  
B1000 SYSTEM SOFTWARE RELEASE MARK 13.0 (SOURCE4)

DESCRIPTION OF MATERIAL TO BE PUBLISHED  
See attached listing of 54 computer program source files.

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B1000 SYSTEM SOFTWARE RELEASE MARK 10.0 (SOURCE4) PD 14636	
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2	MCPSOURCE/MCPI101	SDL2 SYMBOL
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10	MCPSOURCE/MCPI109	SDL2 SYMBOL
11	MCPSOURCE/MCPI110	SDL2 SYMBOL
12	MCPSOURCE/MCPI111	SDL2 SYMBOL
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17	MCPSOURCE/MCPI116	SDL2 SYMBOL
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28	MCPSOURCE/MCPI127	SDL2 SYMBOL
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30	MCPSOURCE/MCPI129	SDL2 SYMBOL
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33	MCPSOURCE/MCPI132	SDL2 SYMBOL
34	MCPSOURCE/MCPI133	SDL2 SYMBOL
35	MCPSOURCE/MCPI134	SDL2 SYMBOL
36	SOURCE/MACRO	SDL2 SYMBOL
<del>37</del>	<del>SOURCE/MARK-SEGS</del> *	SDL SYMBOL
38	SOURCE/MCPI1MICRO	MIL SYMBOL
<del>39</del>	<del>SOURCE/MCS74</del> *	SEQUENTIAL DATA
40	SOURCE/MIL	SDL SYMBOL
41	SOURCE/MODIFIER	SDL SYMBOL
42	SOURCE/MONITOR	SDL2 SYMBOL
43	SOURCE/NDL	SDL2 SYMBOL
44	SOURCE/ODTLOGOUT	SDL2 SYMBOL
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47	SOURCE/PACKCOPY	SDL2 SYMBOL
48	SOURCE/PACKCOPY-T	SDL2 SYMBOL
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51	SOURCE/PASINTERP	MIL SYMBOL
52	SOURCE/PASLIBRARY	PASCAL SYMBOL
53	SOURCE/QCONFIGURE	SDL2 SYMBOL
54	SOURCE/ROUTING	SDL SYMBOL



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Form No. NFN

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TITLE  
B1000 SYSTEM SOFTWARE RELEASE MARK 13.0 (SOURCE4A)

AMOUNT OF MATERIAL TO BE PUBLISHED  
See the attached list of 31 computer source files.

PUBLICATIONS - SAME SUBJECT (LIST: TITLE, DATE, FORM NO.)	GOVERNMENT CONTRACT NO.
B1000 SYSTEM SOFTWARE RELEASE MARK 12.0 (SOURCE4A) PD 51557	N/A
B1000 SYSTEM SOFTWARE RELEASE MARK 11.0 (SOURCE5) PD 51382	
B1000 SYSTEM SOFTWARE RELEASE MARK 10.0 (SOURCE5) PD 14637	
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NUMBER	NAME	TYPE
1	SOURCE/RD	SDL2 SYMBOL
2	SOURCE/RECOVERDB	SDL2 SYMBOL
3	SOURCE/REORGANIZE	SDL2 SYMBOL
4	SOURCE/RJE	SDL SYMBOL
5	SOURCE/RJEAUTOBKP	SDL2 SYMBOL
6	SOURCE/RJE377OGBL	SDL2 SYMBOL
7	SOURCE/RJE377OHLP	SDL2 SYMBOL
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17	SOURCE/RP	SDL2 SYMBOL
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19	SOURCE/RPGIN	MIL SYMBOL
20	SOURCE/RPGREORD	SDL SYMBOL
21	SOURCE/RPGREORG	SDL SYMBOL
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24	SOURCE/RPG02	SDL2 SYMBOL
25	SOURCE/RPG03A	SDL2 SYMBOL
26	SOURCE/RPG03B	SDL2 SYMBOL
27	SOURCE/RPG03C	SDL2 SYMBOL
28	SOURCE/RPG03D	SDL2 SYMBOL
29	SOURCE/RPG03E	SDL2 SYMBOL
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See the attached list of 74 computer program source files.

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SOURCE5 S

NUMBER	NAME	TYPE
1	SOURCE/SA-DSKDUMP	SDL SYMBOL
2	SOURCE/SDL	SEQUENTIAL DATA
<del>3</del>	<del>SOURCE/SDL1A *</del>	SDL SYMBOL
<del>4</del>	<del>SOURCE/SDLINTERP *</del>	SEQUENTIAL DATA
<del>5</del>	<del>SOURCE/SDLITREM *</del>	SEQUENTIAL DATA
<del>6</del>	<del>SOURCE/SDLIT00 *</del>	SDL SYMBOL
<del>7</del>	<del>SOURCE/SDLIT01 *</del>	SDL SYMBOL
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<del>9</del>	<del>SOURCE/SDLIT03 *</del>	SDL SYMBOL
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<del>12</del>	<del>SOURCE/SDLIT06 *</del>	SDL SYMBOL
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<del>15</del>	<del>SOURCE/SDLIT09 *</del>	SDL SYMBOL
<del>16</del>	<del>SOURCE/SDLIT10 *</del>	SDL SYMBOL
<del>17</del>	<del>SOURCE/SDLIT11 *</del>	SDL SYMBOL
<del>18</del>	<del>SOURCE/SDLIT12 *</del>	SDL SYMBOL
<del>19</del>	<del>SOURCE/SDLIT13 *</del>	SDL SYMBOL
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<del>21</del>	<del>SOURCE/SDLISA *</del>	SDL SYMBOL
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25	SOURCE/SDL2BINDER	SDL2 SYMBOL
26	SOURCE/SDL2CODE	SDL2 SYMBOL
27	SOURCE/SDL2DECLAR	SDL2 SYMBOL
28	SOURCE/SDL2ERROR	SDL2 SYMBOL
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55	SOURCE/SPOOL	SDL SYMBOL
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63	SOURCE/SYSDSKINIT	SDL2 SYMBOL
64	SOURCE/SYSELOGOUT	SDL2 SYMBOL
65	SOURCE/SYSINIT	MIL SYMBOL
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67	SOURCE/SYSLDCNTL	SDL2 SYMBOL
68	SOURCE/SYSLOGOUT	SDL2 SYMBOL
69	SOURCE/SYSMAKUSER	SDL2 SYMBOL
70	SOURCE/SYSODT	SDL2 SYMBOL
71	SOURCE/SYSPANDA	SDL2 SYMBOL
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74	SOURCE/SYSSQUASH	SDL2 SYMBOL

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Source 6 T-2

NUMBER	NAME	TYPE
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2	SOURCE/TABS-BILL	COBOL68 SYMBOL
3	SOURCE/TABS-DMS	COBOL68 SYMBOL
4	SOURCE/TABS-ERR	COBOL68 SYMBOL
5	SOURCE/TABS-EXEC	COBOL68 SYMBOL
6	SOURCE/TABS-HDWR	COBOL68 SYMBOL
7	SOURCE/TABS-LGOUT	SDL SYMBOL
8	SOURCE/TABS-MIX	COBOL68 SYMBOL
9	SOURCE/TABS-RGEN	COBOL68 SYMBOL
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16	SOURCE/UPL	SDL SYMBOL
17	SOURCE/WFL	SDL2 SYMBOL
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30	SOURCE/WFLINTEGER	SDL2 SYMBOL
31	SOURCE/WFLINTRIN	SEQUENTIAL DATA
32	SOURCE/WFLJOB	SDL2 SYMBOL
33	SOURCE/WFLMAIN	SDL2 SYMBOL
34	SOURCE/WFLSCAN	SDL2 SYMBOL
35	SOURCE/WFLSETFA	SDL2 SYMBOL
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                  R. Gonzalez    D. Roberts
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                  R. Thornton
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A-B	SRC1	SOURCE1
C-E	SRC2	SOURCE2
C74B	SRC2A	SOURCE2A
F-L	SRC3	SOURCE3
M-Q	SRC4	SOURCE4
R	SRC4A	SOURCE4A
S	SRC5	SOURCE5
T-Z	SRC6	SOURCE6

The sources that are not being released for 13.0, but were previously released for 12.0 are:

```

DMSINCLUDE/HELP
DMSINCLUDE/RUNTIME0
DMSINCLUDE/RUNTIME33
SOURCE/ALLPATCH
SOURCE/C74B-BIND
SOURCE/DBBACK
SOURCE/INTERFACE
SOURCE/RDCOPY
SOURCE/RPGXREF
SOURCE/SDLPASS0
SOURCE/SDLPASS1
SOURCE/SDLPASS21
SOURCE/SDLPASS22
SOURCE/SDLPASS23
SOURCE/SDLPASS3
SOURCE/SUX
SOURCE/SYSCONFIG

```

```

SOURCE/CA has been changed to SOURCE/C74B-CA
SOURCE/SFLIB12 has been changed to SOURCE/TWLIB13

```

```

! Corporate Unit           ! Location           ! Department         !
! System Development Group ! Santa Barbara     ! Various            !
!-----|-----|-----!
! To:                      ! Date              !
!   Programming Activity   ! July 3, 1986     !
!=====|=====|=====!
! From:                    ! Department & Location !
!   Art van der Linden, Manager ! Operations        !
!-----|-----|-----!

```

Subject: c.c. D. Holmes

\*\* CHANGE NOTICE \*\* 13.0 SOURCE RELEASE (Due Date Changed to 8/10/86)

The First Customer Ship date for 13.0 has been changed from 9/30/86 to 11/17/86. With a new 13.0 FCS date, both the 13.0 Source Release date and the Patch Control date have been changed. The revised schedule follows:

```

8/11/86  13.0 Source Release
8/12/86  13.0 Patch Control Begins
11/17/86 13.0 FCS

```

The 13.0 sources can be released anytime prior to 8/10/86. Since Patch Control does not start until 8/11/86, any changes to programs that already have sources released will require a new source file as well as the new object file.


For your information, the following table may be helpful in determining what TAPE ID to fill in for the copyright notices of the source files.

```

A - B    SOURCE1
C - E    SOURCE2
COBOL74B SOURCE2A
F - L    SOURCE3
M - O    SOURCE4
         R    SOURCE4A
         S    SOURCE5
T - Z    SOURCE6

```

Please see Ron or Gail if you have any questions on the 13.0 source release.

  
 Art van der Linden, Manager  
 Lang/Util/Doc/Op Section  
 B1000 Programming Activity

cc PA & S

! Corporate Unit	! Location	! Department	!
! System Development Group	! Santa Barbara	! Various	!
-----			
! To:		! Date	!
! Programming Activity		! June 2, 1986	!
=====			
! From:	! Department & Location		!
! Art van der Linden, Manager	! Operations		!

Subject:

*c.c. D. Holmes*


13.0 SOURCE RELEASE (Due Date: July 7, 1986)

Sources for all 13.0 software are to be released on tape to Gail Loper with an accompanying Software Submittal form by Monday, July 7, 1986. Gail will be accepting these sources for the next five weeks. It is each programmers responsibility to ensure that the copyright notice is correct in these 13.0 sources. The attached pages give additional information on copyrights. A file on each system called SYSTEM/COPYRIGHT contains a copyright skeleton that you may insert into the source with the proper changes for SOURCE<n>, FILE ID <name>, TAPE ID <name>, 1ST EDITION 19<nn> and <nn>TH EDITION 1986.

If you have previously indicated on a Software Submittal that the 12.0 versions of the software are to be used for 13.0, you need not re-release the 12.0 sources.

Patch control for 13.0 begins on 7/8/86.

Please see Gail if you have any questions on the 13.0 source release.



Art van der Linden, Manager  
Lang/Util/Doc/Op Section  
B1000 Programming Activity

**RECEIVED**  
JUN 3 1986  
SOFTWARE DEPARTMENT  
PA & S SANTA BARBARA

! Corporate Unit	! Location	! Department
! SPG	! Santa Barbara	! PA&S
! To:		! Date
! John Alajoki		! January 14, 1986
=====		
! From:	! Department & Location	
! Art van der Linden, Manager	! Documentation	

Subject: c.c. R. Holmes

COPYRIGHTS AND 13.0 RELEASE

The following is my understanding of copyrights and the 13.0 Release.

1. If a program has not been changed since a previous original release, it can be used as is for the 13.0 Release. This means that if I have a 12.0 (or any other release level) program with no patches against it, that I can take the source and object code files from the previous release and release it for 13.0. This is true even if the program has an old style copyright notice and/or it prints and/or displays a previous release level. The copyright and the release level printed or displayed by the program will not have to be changed and the program will be released exactly as is with no changes to it.
2. Any program that has patches against it for 12.0 or has any changes made for 13.0 must change the copyright information using the new copyright format (attached) and release a new source and object file.

If the above is not correct, please let me know.



Art van der Linden, Manager  
Documentation  
B1000 Programming Activity

\*\*\*\*\* 00000100\*\*  
00000200\*\*  
TITLE: 61000 SYSTEM SOFTWARE RELEASE MARK 13.0 (SOURCE\_) 00000300\*\*  
00000400\*\*  
FILE ID: <Source Name> TAPE ID: SOURCEn 00000500\*\*  
00000600\*\*  
\*\*\*\*\* 00000700\*\*

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Derating Instructions  
HABEUS/CORPUS

8/23/79

HABEUS/CORPUS is a program designed to list the contents of a file directly from a library (SYSTEM/COPY) tape. The program is designed for corporate copyrighting, so the default operating mode is to print a user specified number of lines at the beginning and end of the files. However, the whole file may be listed.

HABEUS/CORPUS is executed normally. The file "TAPE" may be file equated to the tape name. If the file equate is not performed, HABEUS/CORPUS will request the tape name with an ACCEPT message.

HABEUS/CORPUS will request the number of lines of the file to print from the beginning of the file, and the end of the file. For example, to enter 25 lines at the beginning of the file and 10 lines at the end of the file, the following would be entered:

```
<job>AX25 10
```

To list all of the file, enter "ALL".

HABEUS/CORPUS normally processes all of the files on the tape. To only process selected ones, SW 0 should be set to 1 or 2. If SW 0 is set to 1, HABEUS/CORPUS accepts the file names from ACCEPT messages. A blank accept terminates the file name input, and the processing of the tape will begin. If SW 0 is set to 2, the file names are obtained from a card file labeled "CARDS", with one file name per card. The file names may consist of family name slash-equal (example SYSTEM/=).

If SW 5 is set to 1, each file listing is preceded by the file name.

Non data files on the tape are bypassed by HABEUS/CORPUS, with an appropriate warning message displayed. Setting SW 6 to 1 causes HABEUS/CORPUS to process all files, regardless of the file type.

# Burroughs Corporation

INTER-OFFICE CORRESPONDENCE

TO:

NAME  
Sanat Joshi

DATE  
March 22, 1985

CORPORATE UNIT  
Corp.

DEPARTMENT & LOCATION  
4B81 Whq

FROM:

NAME  
Carole Nuse, Manager

PHONE:  
BENTEL: 636-2171

CORPORATE UNIT  
SPG

DEPARTMENT & LOCATION  
PA&S Pasadena Plant

SUBJECT:

Copyright for B1000 System Software Releasee Mark 12.0

cc:

LOCATION:

cc J. Alajalic  
D. Hedges

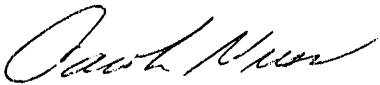
Enclosed are the following tapes with labels containing proper copyright information:

- A SYSTEM TAPE (FOR THE NDL/LIBRARY FILE ONLY)
- A DOCUMENT TAPE
- A SUPPORT TAPE
- A SOURCE1 TAPE
- A SOURCE2 TAPE
- A SOURCE2A TAPE
- A SOURCE 3 TAPE
- A SOURCE 4 TAPE
- A SOURCE 4A TAPE
- A SOURCE 5 TAPE
- A SOURCE6 TAPE

TO DICK  
For your files  
Carole

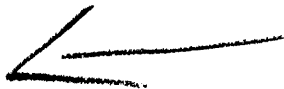
Also enclosed is the following set of items for each of the above tapes:

- 2 copies of form 5712 (Request for Publication & Info Release)
- 2 copies of form 6400-2 (Copyright Information Record)
- 1 listing of the first three pages of each copyright file on each tape



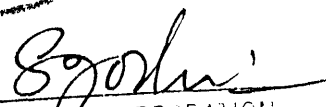
Carole A. Nuse, Manager  
Product Assurance & Support  
SPG Pasadena

CAN: pm



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APPROVED

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BURROUGHS CORPORATION  
PATENT HQTRS. DETROIT

28/March 1985

APR 2 1985  
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APR 9 - 1985

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PA & S SANTA BARBARA

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Patent Div. No.

51,550

Date

2-28-85

Originator

Derek Hedges

Company Name

Burroughs Corporation

City and Country

Goleta, CA, U.S.A.

Title: B1000 SYSTEM SOFTWARE RELEASE MARK 12.0 (SYSTEM)

Form No. NFN

Material Published

Type of Copyright

(Check all entries which apply)

Printed Publication \_\_\_\_\_

Original \_\_\_\_\_

Book (Literary) \_\_\_\_\_

Architectural \_\_\_\_\_

Magnetic Tape  Disk \_\_\_\_\_

Translation \_\_\_\_\_

Computer Prog.  \_\_\_\_\_

Design & Model \_\_\_\_\_

Punched Paper Tape \_\_\_\_\_

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Movie \_\_\_\_\_

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Adaptation \_\_\_\_\_

Video Record. \_\_\_\_\_

Lecture \_\_\_\_\_

Video Tape \_\_\_\_\_

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13947

1981

NFN

14631

1983

NFN

51378

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Punched Paper Tape <input type="checkbox"/>	Compilation <input type="checkbox"/>	Movie <input type="checkbox"/>	Sculpture <input type="checkbox"/>
Punched Card <input type="checkbox"/>	Adaptation <input type="checkbox"/>	Video Record. <input type="checkbox"/>	Lecture <input type="checkbox"/>
Video Tape <input type="checkbox"/>	Arrangement <input type="checkbox"/>	Photo <input type="checkbox"/>	Choreographic <input type="checkbox"/>
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Punched Paper Tape <input type="checkbox"/>	Compilation <input type="checkbox"/>	Movie <input type="checkbox"/>	Sculpture <input type="checkbox"/>
Punched Card <input type="checkbox"/>	Adaptation <input type="checkbox"/>	Video Record. <input type="checkbox"/>	Lecture <input type="checkbox"/>
Video Tape <input type="checkbox"/>	Arrangement <input type="checkbox"/>	Photo <input type="checkbox"/>	Choreographic <input type="checkbox"/>
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	1981	NFN	14633
	1983	NFN	51381

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Author

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Date

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2-28-85

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Date 2-28-85

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Author \_\_\_\_\_ Citizen or Domicile \_\_\_\_\_ Asgmt. Date \_\_\_\_\_ Date of Author's Death \_\_\_\_\_

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Patent Div. No. 51,554

Date 2-28-85

Originator  
Derek Hedges

Company Name  
BURROUGHS CORPORATION

City and Country  
Goleta, California, USA

Title: B1000 SYSTEM SOFTWARE RELEASE MARK 12.0 (SOURCE2A)

Form No. NFN

Material Published	Type of Copyright	(Check all entries which apply)	
Printed Publication _____	Original _____	Book (Literary) _____	Architectural _____
Magnetic Tape <u>X</u> Disk _____	Translation _____	Computer Prog. <u>X</u> _____	Design & Model _____
Punched Paper Tape _____	Compilation _____	Movie _____	Sculpture _____
Punched Card _____	Adaptation _____	Video Record. _____	Lecture _____
Video Tape _____	Arrangement _____	Photo _____	Choreographic _____
		Print _____	Musical _____
		Sound Record. _____	

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51,555

Date

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Derek Hedges

Company Name

BURROUGHS CORPORATION

City and Country

Goleta, California, USA

Title: B1000 SYSTEM SOFTWARE RELEASE MARK 12.0 (SOURCE3)

Form No. NFN

Material Published

Type of Copyright

(Check all entries which apply)

Printed Publication \_\_\_\_\_

Original \_\_\_\_\_

Book (Literary) \_\_\_\_\_

Architectural \_\_\_\_\_

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Computer Prog. X \_\_\_\_\_

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Year Date

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Patent Division No.

1980

NFN

13951

1981

NFN

14635

1983

NFN

51386

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New Matter In This Version: Substantial additions and revisions throughout.

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	<u>1981</u>	<u>NFN</u>	<u>14636</u>
	<u>1983</u>	<u>NFN</u>	<u>51385</u>

Previous Title (if different): B1000 SYSTEM SOFTWARE RELEASE MARK 11.0 (SOURCE4)

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51,557

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Derek Hedges

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City and Country  
Goleta, California, USA

Title: B1000 SYSTEM SOFTWARE RELEASE MARK 12.0 (SOURCE4A)

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Copyright No.	Year Date	Form No.	Patent Division No.
	1980	NFN	13953
	1981	NFN	14631
	1983	NFN	51382

Previous Title (if different): B1000 SYSTEM SOFTWARE RELEASE MARK 11.0 (SOURCE5)

Form No. NFN

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	<u>1983</u>	<u>NFN</u>	<u>51382</u>

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Date

Richard M. Holmes

2-28-85

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Patent Div. No. 51,559

Date 2-28-85

Originator: Derek Hedges; Company Name: BURROUGHS CORPORATION; City and Country: Goleta, California, USA

Title: B1000 SYSTEM SOFTWARE RELEASE MARK 12.0 (SOURCE6)

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Country: USA; Date of First Publication: 85; National Language of Publ.: ENGLISH; No. Pages If Printed; No. of Copies: Approx. 200; Source Language if Comp. Prog.: SDL2; Style No. of Comp. Prog.: B1000SYS; Year in Which Creation of this Work was Completed: 1985

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PATENT DIV. NO. <b>51,550</b>	DATE 2-28-85
----------------------------------	-----------------

1. ORIGINATOR			
NAME Derek Hedges	DIVISION PA&S	LOCATION Goleta, California	PHONE NO. (805)964

PROPOSED TITLE  
**B1000 SYSTEM SOFTWARE RELEASE MARK 12.0 (SYSTEM)**

DESCRIPTION OF MATERIAL TO BE PUBLISHED  
The computer program source file NDL/LIBRARY.

PREVIOUS PUBLICATIONS - SAME SUBJECT (LIST: TITLE, DATE, FORM NO.) B1000 SYSTEM SOFTWARE RELEASE MARK 11.0 PD 51378 B1000 SYSTEM SOFTWARE RELEASE MARK 10.0 PD 14631 B1000 SYSTEM SOFTWARE RELEASE MARK 9.1 PD 13947 B1000 SYSTEM SOFTWARE RELEASE MARK 9.0 PD 13027	GOVERNMENT CONTRACT NO. N/A
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DATE

2-28-85

1. ORIGINATOR

NAME Derek Hedges	DIVISION PA&S	LOCATION Goleta, California	PHONE NO. (805)96468
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PROPOSED TITLE

B1000 SYSTEM SOFTWARE RELEASE MARK 12.0 (DOCUMENT)

DESCRIPTION OF MATERIAL TO BE PUBLISHED

The DOCUMENT/SYSNOTE1, DOCUMENT/SYSNOTE2, DOCUMENT/SYSNOTE3 and DOCUMENT/HALTS printer backup files which contain information on the use of the new enhancements, corrections and outstanding problems on the Mark 12.0 release of the B1000 system software.

PREVIOUS PUBLICATIONS - SAME SUBJECT (LIST: TITLE, DATE, FORM NO.)

B1000 SYSTEM SOFTWARE RELEASE MARK 11.0 (DOCUMENT)	PD 51379
B1000 SYSTEM SOFTWARE RELEASE MARK 10.0	PD 14631
B1000 SYSTEM SOFTWARE RELEASE MARK 9.1	PD 13947
B1000 SYSTEM SOFTWARE RELEASE MARK 9.0	PD 13027

GOVERNMENT CONTRACT NO.

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1. ORIGINATOR

NAME Derek Hedges	DIVISION PA&S	LOCATION Goleta, California	PHONE NO. (805)9646
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PROPOSED TITLE

B1000 SYSTEM SOFTWARE RELEASE MARK 12.0 (SUPPORT)

DESCRIPTION OF MATERIAL TO BE PUBLISHED

See the attached list of 6 printer backup files and 6 computer program source files. The printer backup files contain information on the use of the support enhancements on the Mark 12.0 release of the B1000 system software.

PREVIOUS PUBLICATIONS - SAME SUBJECT (LIST: TITLE, DATE, FORM NO.)

B1000 SYSTEM SOFTWARE RELEASE MARK 11.0 (SUPPORT) PD 51380  
 B1000 SYSTEM SOFTWARE RELEASE MARK 10.0 (SUPPORT) PD 14632  
 B1000 SYSTEM SOFTWARE RELEASE MARK 9.1 (SUPPORT) PD 13948  
 B1800/B1700 SYSTEM SOFTWARE RELEASE MARK VIII.0(SUP) PD 12579

GOVERNMENT CONTRACT NO.

N/A

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6	<del>DOCUMENT/BOLT-TAPEB*</del>	BACKUP PRINT
7	1 DOCUMENT/DEBUGTOOLS	BACKUP PRINT
8	2 DOCUMENT/JOBSPAWN	BACKUP PRINT
9	3 DOCUMENT/MCPBCT	BACKUP PRINT
10	<del>DOCUMENT/PATCHING*</del>	BACKUP PRINT
11	<del>DOCUMENT/REMOVEDIAG*</del>	BACKUP PRINT
12	<del>DOCUMENT/RINLIN*</del>	BACKUP PRINT
13	4 DOCUMENT/SDL2UPL212	BACKUP PRINT
14	5 DOCUMENT/SDL2S-LANG	BACKUP PRINT
15	<del>DOCUMENT/TAPECOPY*</del>	BACKUP PRINT
16	6 DOCUMENT/TERMTEST	BACKUP PRINT
17	BASIC/TRACE3U	INTERPRETER
18	BCLT	CODE
19	BCLT/TEACH	DATA
20	BCLT/ERROR	DATA
21	COBOL/TRACE1U	INTERPRETER
22	COBOL74/TRACE1M	INTERPRETER
23	DIRECTORY/FIXER	SDL2 CODE
24	DISK/FIXER	SDL2 CODE
25	DMS/PACKCHANGE	SDL2 CODE
26	DMS/DBFIX	SDL2 CODE
27	MIL	CODE
28	PBX	SDL2 CODE
29	PDCNTL	CODE
30	PDMCS	CODE
31	SDL	CODE
32	SDL/SA	CODE
33	SDL/TRACE1U	INTERPRETER
34	SDL2	SDL2 CODE
35	SDL2/AGGR-DEBUG	DATA
36	SDL2/BINDER	SDL2 CODE
37	SDL2/INTEFP-DBG	INTERPRETER
38	SDL2/IPX	SDL2 CODE
39	SDL2/SA	SDL2 CODE
40	SDL2/RECOVER	CODE
41	SDL2/UNPATCH	CODE
42	SDL2/XREF	SDL2 CODE
43	1 SOURCE/DIRFIX	SDL2 SYMBOL
44	2 SOURCE/DISKFIX	SDL2 SYMBOL
45	<del>SOURCE/IPX*</del>	SDL2 SYMBOL
46	3 SOURCE/PBX	SDL2 SYMBOL
47	4 SOURCE/RECOVER	SDL SYMBOL
48	<del>SOURCE/PDMCS*</del>	SDL SYMBOL
49	5 SOURCE/UNITAPECOPY	SDL2 SYMBOL
50	6 SOURCE/UNPATCH	SDL SYMBOL
51	SYCOM/STATS	SDL2 CODE
52	SYSTEM/PATCH	CODE
53	SYSTEM/PATCH2	SDL2 CODE
54	TERMINAL/TEST	CODE
55	UNIVERSAL/TAPECOPY	SDL2 CODE
56	UPL2	SDL2 CODE
57	WFLCONTRQL/MCPII	JOB SYMBOL
58	INCLUDE/MCPII	DATA
59	MCPII/OPTIONS	SDL2 SYMBOL

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REQUEST FOR PUBLICATION & INFORMATION RELEASE

PATENT DIV. NO. <b>51,552</b>	DATE 2-28-85
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1. ORIGINATOR			
NAME Derek Hedges	DIVISION PA&S	LOCATION Goleta, California	PHONE NO. (805)964-

PROPOSED TITLE B1000 SYSTEM SOFTWARE RELEASE MARK 12.0 (SOURCE1)
DESCRIPTION OF MATERIAL TO BE PUBLISHED See attached list of 19 computer program source files.

PREVIOUS PUBLICATIONS - SAME SUBJECT (LIST: TITLE, DATE, FORM NO.)	GOVERNMENT CONTRACT NO.
B1000 SYSTEM SOFTWARE RELEASE MARK 11.0 (SOURCE1) PD 51381 B1000 SYSTEM SOFTWARE RELEASE MARK 10.0 (SOURCE1) PD 14633 B1000 SYSTEM SOFTWARE RELEASE MARK 9.1 (SOURCE1) PD 13949 B1800/B1700 SYSTEM SOFTWARE RELEASE MARK 12.0 (SOURCE1) PD 13111	N/A

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5	SOURCE/ACR-LIST	SDL2 SYMEOL
6	SJURCE/ACR-MISC	SDL2 SYMBOL
7	SJURCE/ACR-O	SDL2 SYMEOL
3	SJURCE/AUDITANALY	SDL2 SYMEOL
9	SJURCE/BASIC	SDL SYMBOL
<del>10</del>	<del>SOURCE/BASIN *</del>	DATA
<del>11</del>	<del>SOURCE/BASIT *</del>	DATA
12	SJURCE/BVA AUDIT	SDL SYMBOL
13	SJURCE/BNAHSLIO	SDL2 SYMEOL
14	SJURCE/BNAHSP	DATA
15	SOURCE/BNANSM	SDL2 SYMEOL
16	SJURCE/BNANSP	SDL SYMBOL
17	SOURCE/BNAPLM	SDL2 SYMBOL
18	SOURCE/BNATRACE	SDL2 SYMBOL
19	SJURCE/BJLT	SDL SYMBOL
20	SJURCE/BUILDING	SDL2 SYMBOL
21	SJURCE/BUILDTRAIN	SDL2 SYMEOL
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REQUEST FOR PUBLICATION & INFORMATION RELEASE

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DATE

2-28-85

1. ORIGINATOR

NAME Derek Hedges	DIVISION PA&S	LOCATION Goleta, California	PHONE NO. (805)9646
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PROPOSED TITLE

B1000 SYSTEM SOFTWARE RELEASE MARK 12.0 (SOURCE2)

DESCRIPTION OF MATERIAL TO BE PUBLISHED

See the attached list of 42 computer program source files.

PREVIOUS PUBLICATIONS - SAME SUBJECT (LIST: TITLE, DATE, FORM NO.)		GOVERNMENT CONTRACT NO.
B1000 SYSTEM SOFTWARE RELEASE MARK 11.0 (SOURCE2)	PD 51384	N/A
B1000 SYSTEM SOFTWARE RELEASE MARK 10.0 (SOURCE2)	PD 14634	
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NAME : SOURCE2  
 KIND : 9-TRACK PE TAPE  
 SERIAL NO : 031685  
 CREATED : 03/16/85

NUMBER	NAME	TYPE
1	DMSINCLUDE/ACRDICT	SDL2 SYMBOL
2	DMSINCLUDE/AUDIT	SEQUENTIAL DATA
3	DMSINCLUDE/DASDLICT	SEQUENTIAL DATA
4	DMSINCLUDE/DEFINES	SEQUENTIAL DATA
5	DMSINCLUDE/REORGCNTL	SDL2 SYMBOL
6	DMSINCLUDE/RUNTIME0	SEQUENTIAL DATA
7	DMSINCLUDE/RUNTIME33	SEQUENTIAL DATA
8	DMSINCLUDE/SUBRECORDS	SEQUENTIAL DATA
9	DMSINCLUDE/USERCOMM	SDL2 SYMEOL
10	SOURCE/C-ANALYZER	SDL SYMBGL
11	SOURCE/CANDE	SDL SYMBGL
12	SOURCE/CAS-LOADER	MIL SYMBGL
13	SOURCE/CAS-MAKER	SDL SYMBGL
14	SOURCE/CLDSTAPE	SDL SYMBGL
15	SOURCE/CLEARSTART	MIL SYMBGL
16	<del>SOURCE/CNVBACKUP *</del>	SDL SYMBGL
17	<del>SOURCE/CORIN *</del>	SEQUENTIAL DATA
18	SOURCE/COBOL	SDL SYMBGL
19	SOURCE/COBOL74	SDL SYMBGL
20	SOURCE/COBXREF	COBOL68 SYMBOL
21	SOURCE/COE-ANAL	SDL SYMBGL
22	SOURCE/COMLIB	DATA
23	SOURCE/CONTROLLER	SDL SYMBOL
24	SOURCE/CREATEISAM	SDL2 SYMBOL
25	SOURCE/CREATABLE	SDL SYMBGL
26	SOURCE/CS-DISK	SDL SYMBGL
27	<del>SOURCE/C74INTERP *</del>	SEQUENTIAL DATA
28	SOURCE/DASDL-CG	SDL2 SYMEOL
29	SOURCE/DASDL-RG	SDL2 SYMEOL
30	SOURCE/DASDL-0	SDL2 SYMEOL
31	SOURCE/DASDL-1	SDL2 SYMEOL
32	SOURCE/DASDLANALY	SDL2 SYMEOL
33	SOURCE/DBBACK	SDL2 SYMEOL
34	SOURCE/DBFIX	SDL2 SYMEOL
35	SOURCE/DBLOCK	SDL2 SYMEOL
36	SOURCE/DBMAP	SDL2 SYMEOL
37	SOURCE/DCAUDIT	SDL SYMBGL
38	SOURCE/DECCMPILER	SDL2 SYMEOL
39	SOURCE/DISK-ALLOC	SDL SYMBGL
40	SOURCE/DISK-DUMP	SDL SYMBGL
41	<del>SOURCE/DISKET-CPY *</del>	SEQUENTIAL DATA
42	SOURCE/DISPLAY	SEQUENTIAL DATA
43	SOURCE/DMPALL	SDL2 SYMBOL
44	SOURCE/DP-INTRCH	SDL SYMBOL
45	SOURCE/EM3270BSC	SDL2 SYMBOL
46	SOURCE/EM3270SNA	SDL2 SYMBOL

\* NO CHANGES SINCE PREVIOUS COPYRIGHT

REQUEST FOR PUBLICATION & INFORMATION RELEASE

PATENT DIV. NO. <b>51,554</b>	DATE 2-28-85
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1. ORIGINATOR			
NAME Derek Hedges	DIVISION PA&S	LOCATION Goleta, California	PHONE NO. (805)964

PROPOSED **B1000<sup>E</sup> SYSTEM SOFTWARE RELEASE MARK 12.0 (SOURCE2A)**

DESCRIPTION OF MATERIAL TO BE PUBLISHED  
See the attached list of 42 computer program source files.

PREVIOUS PUBLICATIONS - SAME SUBJECT (LIST: TITLE, DATE, FORM NO.)	GOVERNMENT CONTRACT NO.
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NAME : SOURCE2A  
 KIND : 9-TRACK PE TAPE  
 SERIAL NO : 031885  
 CREATED : 03/18/85

NUMBER	NAME	TYPE
1	SJURCE/AID-GLOB	SDL2 SYMBOL
2	SJURCE/AID-LIB	DATA
3	SJURCE/AID-SEM	SDL2 SYMBOL
4	SJURCE/AID-SYN	SEQUENTIAL DATA
5	SJURCE/CA	SEQUENTIAL DATA
6	SOURCE/C748-ADD	SDL2 SYMEOL
7	SJURCE/C748-ALT	SDL2 SYMEOL
8	SOURCE/C748-ATT	SDL2 SYMEOL
9	SJURCE/C748-CH	SDL2 SYMEOL
10	SOURCE/C748-CM	SDL2 SYMBOL
11	SOURCE/C748-CODE	SDL2 SYMEOL
12	SJURCE/C748-COM	SDL2 SYMBOL
13	SOURCE/C748-DA	SDL2 SYMEOL
14	SOURCE/C748-DEC	SDL2 SYMBOL
15	SOURCE/C748-DIV	SDL2 SYMEOL
16	SOURCE/C748-DM	SDL2 SYMEOL
17	SJURCE/C748-DMI	SDL2 SYMBOL
18	SOURCE/C748-DOL	SDL2 SYMBOL
19	SJURCE/C748-EN	SDL2 SYMEOL
20	SJURCE/C748-END	SDL2 SYMEOL
21	SOURCE/C748-ERR	SDL2 SYMEOL
22	SJURCE/C748-EXP	SDL2 SYMEOL
23	SJURCE/C748-FOR	SDL2 SYMBOL
24	SJURCE/C748-GLOB	SDL2 SYMBOL
25	SJURCE/C748-ID	SDL2 SYMEOL
26	SJURCE/C748-INC	SDL2 SYMEOL
27	SJURCE/C748-IO	SDL2 SYMEOL
28	SJURCE/C748-MISC	SDL2 SYMBOL
29	SJURCE/C748-MOV	SDL2 SYMBOL
30	SJURCE/C748-MUL	SDL2 SYMBOL
31	SJURCE/C748-NC	SDL2 SYMBOL
32	SOURCE/C748-PIC	SDL2 SYMEOL
33	SJURCE/C748-PR	SDL2 SYMBOL
34	SJURCE/C748-PROG	SDL2 SYMEOL
35	SOURCE/C748-RS	SDL2 SYMEOL
36	SJURCE/C748-SCAN	SDL2 SYMEOL
37	SOURCE/C748-ST	SDL2 SYMEOL
38	SJURCE/C748-SUB	SDL2 SYMBOL
39	SOURCE/C748-SYM	SDL2 SYMBOL
40	SOURCE/C748-TH	SDL2 SYMBOL
41	SOURCE/C748-TYPES	SDL2 SYMBOL
42	SOURCE/C748-XREF	SDL2 SYMEOL

REQUEST FOR PUBLICATION & INFORMATION RELEASE

PATENT DIV. NO.

51,555

DATE

2-28-85

1. ORIGINATOR

NAME Derek Hedges	DIVISION PA&S	LOCATION Goleta, California	PHONE NO. (805)9646
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PROPOSED TITLE  
B1000 SYSTEM SOFTWARE RELEASE MARK 12.0 (SOURCE3)

DESCRIPTION OF MATERIAL TO BE PUBLISHED

See attached list of 40 computer program source files.

PREVIOUS PUBLICATIONS - SAME SUBJECT (LIST: TITLE, DATE, FORM NO.)	GOVERNMENT CONTRACT NO.
B1000 SYSTEM SOFTWARE RELEASE MARK 11.0 (SOURCE3) PD 51386	N/A
B1000 SYSTEM SOFTWARE RELEASE MARK 10.0 (SOURCE3) PD 14635	
B1000 SYSTEM SOFTWARE RELEASE MARK 9.1 (SOURCE3) PD 13951	
B1800/B1700 SYSTEM SOFTWARE RELEASE MARK IX.0 (SOURCE3) PD 13113	

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B1000 LIBRARY TAPE DIRECTORY

NAME : SOURCE3  
 KIND : 9-TRACK PE TAPE  
 SERIAL NO : 031885  
 CREATED : 03/18/85

NUMBER	NAME	TYPE
<del>1</del>	<del>SOURCE/FILEINIT *</del>	SDL2 SYMBOL
2	SOURCE/FOR-INTMAK	SDL SYMBOL
3	SOURCE/FOR-INTRIN	FORTRAN SYMBOL
4	SOURCE/FOREIGNTC	SDL SYMBOL
5	SOURCE/FORIN	MIL SYMBOL
6	SOURCE/FORTRAN	SDL SYMBOL
7	SOURCE/FORTRAN77	SDL2 SYMBOL
8	SOURCE/F77ANALYZE	SDL SYMBOL
9	SOURCE/F77COMLIB	FORTRAN SYMBOL
10	SOURCE/F77INTERP	MIL SYMBOL
11	SOURCE/F77INTRIN	FORTRAN77 SYMBOL
12	SOURCE/GISMO	MIL SYMBOL
<del>13</del>	<del>SOURCE/HASP *</del>	DATA
14	SOURCE/IBASIC	SDL2 SYMBOL
<del>15</del>	<del>SOURCE/IBASINTERR *</del>	MIL SYMBOL
<del>16</del>	<del>SOURCE/IBASINTRIN *</del>	BASIC SYMBOL
17	SOURCE/IDABASIC	SDL2 SYMBOL
18	SOURCE/IDACOB RPG	SDL2 SYMBOL
19	SOURCE/IDACOB74	SDL2 SYMBOL
20	SOURCE/IDAC74B	SDL2 SYMBOL
21	SOURCE/IDAC74BI	SDL2 SYMBOL
22	SOURCE/IDAC74BLIB	SDL2 SYMBOL
23	SOURCE/IDADMS	SDL2 SYMBOL
<del>24</del>	<del>SOURCE/IDADMSLIB</del> N/A	SEQUENTIAL DATA
25	SOURCE/IDAELOG	SDL2 SYMBOL
26	SOURCE/IDAFILES	SDL2 SYMBOL
27	SOURCE/IDAFORT66	SDL2 SYMBOL
28	SOURCE/IDAFORT77	SDL2 SYMBOL
29	SOURCE/IDAGLOBAL	SDL2 SYMBOL
30	SOURCE/IDAINTRPS	SDL2 SYMBOL
31	SOURCE/IDAID	SDL2 SYMBOL
32	SOURCE/IDAJOB	SDL2 SYMBOL
33	SOURCE/IDAMCP	SDL2 SYMBOL
34	SOURCE/IDANDL	SDL2 SYMBOL
35	SOURCE/IDAODT	SDL2 SYMBOL
36	SOURCE/IDASDL	SDL2 SYMBOL
37	SOURCE/IDASDL SM	SDL2 SYMBOL
38	SOURCE/IDASDL2	SDL2 SYMBOL
39	SOURCE/IDAWFL	SDL2 SYMBOL
40	SOURCE/INIT-ANLY	SDL SYMBOL
41	SOURCE/INQUIRY	SDL2 SYMBOL
42	SOURCE/INT-AGRMK	SDL SYMBOL
43	SOURCE/INTERFACE	DATA
<del>44</del>	<del>SOURCE/IS-MAINT *</del>	SDL SYMBOL
45	SOURCE/ISVERIFY	SDL2 SYMBOL
46	SOURCE/LOGCONVERT	SDL2 SYMBOL

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REQUEST FOR PUBLICATION & INFORMATION RELEASE

PATENT DIV. NO.

51,556

DATE

2-28-85

I. ORIGINATOR

NAME Derek Hedges	DIVISION PA&S	LOCATION Goleta, California	PHONE NO. (805)9646
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PROPOSED TITLE

B1000 SYSTEM SOFTWARE RELEASE MARK 12.0 (SOURCE4)

DESCRIPTION OF MATERIAL TO BE PUBLISHED

See attached listing of 49 computer program source files.

PREVIOUS PUBLICATIONS - SAME SUBJECT (LIST: TITLE, DATE, FORM NO.)

B1000 SYSTEM SOFTWARE RELEASE MARK 11.0 (SOURCE4)	PD 51385
B1000 SYSTEM SOFTWARE RELEASE MARK 10.0 (SOURCE4)	PD 14636
B1000 SYSTEM SOFTWARE RELEASE MARK 9.1 (SOURCE4)	PD 13952
B1800/B1700 SYSTEM SOFTWARE RELEASE MARK IX.0 (SOURCE4)	PD 13114

GOVERNMENT CONTRACT NO.

N/A

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NAME : SOURCE4  
 KIND : 9-TRACK PE TAPE  
 SERIAL NO : C31685  
 CREATED : 03/16/85

NUMBER	NAME	TYPE
1	MCPSOURCE/MCPII00	SDL2 SYMBOL
2	MCPSOURCE/MCPII01	SDL2 SYMBOL
3	MCPSOURCE/MCPII02	SDL2 SYMBOL
4	MCPSOURCE/MCPII03	SDL2 SYMBOL
5	MCPSOURCE/MCPII04	SDL2 SYMBOL
6	MCPSOURCE/MCPII05	SDL2 SYMBOL
7	MCPSOURCE/MCPII06	SDL2 SYMBOL
8	MCPSOURCE/MCPII07	SDL2 SYMBOL
9	MCPSOURCE/MCPII08	SDL2 SYMBOL
10	MCPSOURCE/MCPII09	SDL2 SYMBOL
11	MCPSOURCE/MCPII10	SDL2 SYMBOL
12	MCPSOURCE/MCPII11	SDL2 SYMBOL
13	MCPSOURCE/MCPII12	SDL2 SYMBOL
14	MCPSOURCE/MCPII13	SDL2 SYMBOL
15	MCPSOURCE/MCPII14	SDL2 SYMBOL
16	MCPSOURCE/MCPII15	SDL2 SYMBOL
17	MCPSOURCE/MCPII16	SDL2 SYMBOL
18	MCPSOURCE/MCPII17	SDL2 SYMBOL
19	MCPSOURCE/MCPII18	SDL2 SYMBOL
20	MCPSOURCE/MCPII19	SDL2 SYMBOL
21	MCPSOURCE/MCPII20	SDL2 SYMBOL
22	MCPSOURCE/MCPII21	SDL2 SYMBOL
23	MCPSOURCE/MCPII22	SDL2 SYMBOL
24	MCPSOURCE/MCPII23	SDL2 SYMBOL
25	MCPSOURCE/MCPII24	SDL2 SYMBOL
26	MCPSOURCE/MCPII25	SDL2 SYMBOL
27	MCPSOURCE/MCPII26	SDL2 SYMBOL
28	MCPSOURCE/MCPII27	SDL2 SYMBOL
29	MCPSOURCE/MCPII28	SDL2 SYMBOL
30	MCPSOURCE/MCPII29	SDL2 SYMBOL
31	MCPSOURCE/MCPII30	SDL2 SYMBOL
32	MCPSOURCE/MCPII31	SDL2 SYMBOL
33	MCPSOURCE/MCPII32	SDL2 SYMBOL
34	MCPSOURCE/MCPII33	SDL2 SYMBOL
35	MCPSOURCE/MCPII34	SDL2 SYMBOL
<del>36</del>	<del>MCPSOURCE/PATCHES</del> N/A	SEQUENTIAL DATA
37	SOURCE/MACRO	SEQUENTIAL DATA
<del>38</del>	<del>SOURCE/MARK-SEGS *</del>	SDL SYMBOL
39	SOURCE/MCS74	SEQUENTIAL DATA
40	SOURCE/MIL	SDL SYMBOL
41	SOURCE/MCPIIMICRO	MIL SYMBOL
<del>42</del>	<del>SOURCE/MODIFIER *</del>	DATA
<del>43</del>	<del>SOURCE/NCL *</del>	SEQUENTIAL DATA
44	SOURCE/OCTLOGOUT	SDL2 SYMBOL
45	SOURCE/PACK-INIT	SDL SYMBOL
46	SOURCE/PACKCHANGE	SDL2 SYMBOL
47	SOURCE/PACKCOPY	SDL2 SYMBOL
48	SOURCE/PACKCOPY-T	SDL2 SYMBOL
49	SOURCE/PASANALYZE	PASCAL SYMBOL
50	SOURCE/PASCAL	PASCAL SYMBOL
51	SOURCE/PASINTERP	MIL SYMBOL
52	SOURCE/PASLIBRARY	PASCAL SYMBOL
53	SOURCE/QWIKLOG	SDL SYMBOL

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REQUEST FOR PUBLICATION & INFORMATION RELEASE

PATENT DIV. NO. <b>51,557</b>	DATE 2-28-85
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1. ORIGINATOR			
NAME Derek Hedges	DIVISION PA&S	LOCATION Goleta, California	PHONE NO. (805)964

PROPOSED TITLE  
B1000 SYSTEM SOFTWARE RELEASE MARK 12.0 (SOURCE4A)

DESCRIPTION OF MATERIAL TO BE PUBLISHED  
See the attached list of 33 computer source files.

PREVIOUS PUBLICATIONS - SAME SUBJECT (LIST: TITLE, DATE, FORM NO.)	GOVERNMENT CONTRACT NO.
B1000 SYSTEM SOFTWARE RELEASE MARK 11.0 (SOURCE5) PD 51382	N/A
B1000 SYSTEM SOFTWARE RELEASE MARK 10.0 (SOURCE5) PD 14637	
B1000 SYSTEM SOFTWARE RELEASE MARK 9.1 (SOURCE5) PD 13953	
B1800/B1700 SYSTEM SOFTWARE RELEASE MARK IX.0 (SOURCE5) PD 13115	

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NAME : SOURCE4A  
 KIND : 9-TRACK PE TAPE  
 SERIAL NO : 031685  
 CREATED : 03/16/85

NUMBER	NAME	TYPE
1	SOURCE/RD	SDL2 SYMBOL
2	SCURCE/RCCOPY	SDL SYMBOL
3	SOURCE/RECOVERDB	SDL2 SYMBOL
4	SCURCE/REORGANIZE	SDL2 SYMBOL
5	SCURCE/RJE	SDL SYMBOL
6	SOURCE/RJEAUTOBKP	SDL2 SYMBOL
7	SCURCE/RJE3770GBL	SEQUENTIAL DATA
8	SCURCE/RJE3770HLP	SDL2 SYMBOL
9	SOURCE/RJE3770INT	SEQUENTIAL DATA
10	SCURCE/RJE3770PIO	SDL2 SYMBOL
11	SCURCE/RJE3770PRG	SDL2 SYMBOL
12	SCURCE/RJE3770PRS	SDL2 SYMBOL
13	SCURCE/RJE3770SLC	SDL2 SYMBOL
14	SCURCE/RJE3770SNA	SDL2 SYMBOL
15	SCURCE/RJE3770UTL	SEQUENTIAL DATA
16	SCURCE/RJE3780	SDL SYMBOL
17	SCURCE/RL	SEQUENTIAL DATA
18	SCURCE/RP	SEQUENTIAL DATA
19	SCURCE/RPEBTF	SDL SYMBOL
20	SCURCE/RPGIN	MIL SYMBOL
21	SCURCE/RPGREORD	SDL SYMBOL
22	SCURCE/RPGREORG	SDL SYMBOL
23	SCURCE/RPGXREF	SDL SYMBOL
24	SCURCE/RPG00	SDL2 SYMBOL
25	SCURCE/RPG01	SDL2 SYMBOL
26	SCURCE/RPG02	SDL2 SYMBOL
27	SCURCE/RPG03A	SDL2 SYMBOL
28	SCURCE/RPG03B	SDL2 SYMBOL
29	SCURCE/RPG03C	SDL2 SYMBOL
30	SCURCE/RPG03D	SDL2 SYMBOL
31	SCURCE/RPG03E	SDL2 SYMBOL
32	SCURCE/RPG04	SDL2 SYMBOL
33	SCURCE/RSVP	SDL SYMBOL

REQUEST FOR PUBLICATION & INFORMATION RELEASE

PATENT DIV. NO.

51,558

DATE

2-28-85

I. ORIGINATOR

NAME Derek Hedges	DIVISION PA&S	LOCATION Goleta, California	PHONE NO. (805)9646
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PROPOSED TITLE  
B1000 SYSTEM SOFTWARE RELEASE MARK 12.0 (SOURCE5)

DESCRIPTION OF MATERIAL TO BE PUBLISHED

See the attached list of 81 computer program source files.

PREVIOUS PUBLICATIONS - SAME SUBJECT (LIST: TITLE, DATE, FORM NO.)

B1000 SYSTEM SOFTWARE RELEASE MARK 11.0 (SOURCE5)	PD 51382
B1000 SYSTEM SOFTWARE RELEASE MARK 10.0 (SOURCE5)	PD 14637
B1000 SYSTEM SOFTWARE RELEASE MARK 9.1 (SOURCE5)	PD 13953
B1800.B1700 SYSTEM SOFTWARE RELEASE MARK IX.0 (SOURCE5)	PD 13115

GOVERNMENT CONTRACT NO.

N/A

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B1000 LIBRARY TAPE DIRECTORY

NAME : SOURCES  
 KIND : 9-TRACK PE TAPE  
 SERIAL NO : 031685  
 CREATED : 03/16/85

NUMBER	NAME	TYPE
1	SOURCE/SA-DSKDUMP	SDL SYMBCL
2	SOURCE/SDL	SDL SYMBOL
3	SOURCE/SDLIA	SDL SYMBOL
4	SOURCE/SDLINTERP	SEQUENTIAL DATA
5	SOURCE/SDLITREM	SEQUENTIAL DATA
6	SOURCE/SDLIT00	SDL SYMBCL
7	SOURCE/SDLIT01	SDL SYMBOL
8	SOURCE/SDLIT02	SDL SYMBCL
9	SOURCE/SDLIT03	SDL SYMBCL
10	SOURCE/SDLIT04	SDL SYMBCL
11	SOURCE/SDLIT05	SDL SYMBOL
12	SOURCE/SDLIT06	SDL SYMBCL
13	SOURCE/SDLIT07	SDL SYMBCL
14	SOURCE/SDLIT08	SDL SYMBOL
15	SOURCE/SDLIT09	SDL SYMBCL
16	SOURCE/SDLIT10	SDL SYMBCL
17	SOURCE/SDLIT11	SDL SYMBCL
18	SOURCE/SDLIT12	SDL SYMBCL
19	SOURCE/SDLIT13	SDL SYMBOL
20	SOURCE/SDLIT14	SDL SYMBOL
21	SOURCE/SDLPASS0	SDL SYMBCL
22	SOURCE/SDLPASS1	SDL SYMBCL
23	SOURCE/SDLPASS21	SDL SYMBCL
24	SOURCE/SDLPASS22	SDL SYMBCL
25	SOURCE/SDLPASS23	SDL SYMBCL
26	SOURCE/SDLPASS3	SDL SYMBCL
27	SOURCE/SDLSA	SDL SYMBCL
28	SOURCE/SDLSSC	SDL SYMBOL
29	SOURCE/SDLXMAP	SDL SYMBOL
30	SOURCE/SDLXREF	SDL SYMBOL
31	SOURCE/SDL2BINDER	SDL2 SYMEOL
32	SOURCE/SDL2CODE	SDL2 SYMEOL
33	SOURCE/SDL2DECLAR	SDL2 SYMEOL
34	SOURCE/SDL2ERROR	DATA
35	SOURCE/SDL2EXPR	SDL2 SYMBOL
36	SOURCE/SDL2FILE	SDL2 SYMBOL
37	SOURCE/SDL2GLOBAL	SDL2 SYMEOL
38	SOURCE/SDL2INTERP	MIL SYMBCL
39	SOURCE/SDL2ITCONV	SEQUENTIAL DATA
39	SOURCE/SDL2ITGET	SEQUENTIAL DATA
40	SOURCE/SDL2ITGET	SEQUENTIAL DATA
41	SOURCE/SDL2ITGETA	SEQUENTIAL DATA
42	SOURCE/SDL2ITHEM	DATA
43	SOURCE/SDL2ITPUT	SEQUENTIAL DATA
44	SOURCE/SDL2ITPUTA	SEQUENTIAL DATA
45	SOURCE/SDL2ITRESI	SEQUENTIAL DATA
45	SOURCE/SDL2ITTIME	SEQUENTIAL DATA
47	SOURCE/SDL2SA	SDL2 SYMBOL
48	SOURCE/SDL2SCAN	SDL2 SYMBOL
49	SOURCE/SDL2STD	DATA
50	SOURCE/SDL2STMT	SDL2 SYMBOL
51	SOURCE/SDL2SYMBOL	DATA
52	SOURCE/SDL2UTIL	SEQUENTIAL DATA
53	SOURCE/SDL2XREFER	SEQUENTIAL DATA
54	SOURCE/SFLIC12	MIL SYMBCL
55	SOURCE/SMCS	SDL2 SYMBOL

56	SOURCE/SORT	SDL SYMBCL
57	SOURCE/SORTMERGE	SDL SYMBCL
58	SOURCE/SORTQSORT	SDL SYMBCL
59	SOURCE/SORTUTIL	SDL SYMBCL
60	SOURCE/SORTVSORT	SDL SYMBCL
<del>61</del>	<del>SOURCE/SPOOL *</del>	DATA
62	SOURCE/SSLD-MAKCS	SDL2 SYMBCL
63	SOURCE/SUX	SDL2 SYMBCL
64	SOURCE/SYCOM	SDL2 SYMBCL
65	SOURCE/SYS-MDINIT	SDL SYMBCL
66	SOURCE/SYSBACKUP	SDL2 SYMBCL
67	SOURCE/SYSCOMPARE	SDL SYMBCL
68	SOURCE/SYSCONFIG	SDL2 SYMBCL
69	SOURCE/SYSCOPY	SDL2 SYMBCL
70	SOURCE/SYSDSKDUMP	SDL SYMBCL
71	SOURCE/SYSCSKINIT	SDL2 SYMBCL
72	SOURCE/SYSELOGOUT	SDL2 SYMBCL
73	SOURCE/SYSINIT	MIL SYMBCL
74	SOURCE/SYSLD-CAS	SDL SYMBCL
75	SOURCE/SYSLDCNTL	SDL2 SYMBCL
76	SOURCE/SYSLOGOUT	SDL2 SYMBCL
77	SOURCE/SYSMAKUSER	SDL2 SYMBCL
78	SOURCE/SYSODT	SDL2 SYMBCL
79	SOURCE/SYSPANDA	SDL2 SYMBCL
80	SOURCE/SYSPATCH	SDL SYMBCL
81	SOURCE/SYSPATCH2	SDL2 SYMBCL
82	SOURCE/SYSSQUASH	SDL2 SYMBCL

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REQUEST FOR PUBLICATION & INFORMATION RELEASE

PATENT DIV. NO.

51,559

DATE

2-28-85

1. ORIGINATOR

NAME Derek Hedges	DIVISION PA&S	LOCATION Goleta, California	PHONE NO. (805)9646
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PROPOSED TITLE  
B1000 SYSTEM SOFTWARE RELEASE MARK 12.0 (SOURCE6)

DESCRIPTION OF MATERIAL TO BE PUBLISHED

See the attached list of 43 computer program source files.

PREVIOUS PUBLICATIONS - SAME SUBJECT (LIST: TITLE, DATE, FORM NO.)	GOVERNMENT CONTRACT NO.
B1000 SYSTEM SOFTWARE RELEASE MARK 11.0 (SOURCE6) PD 51383	N/A
B1000 SYSTEM SOFTWARE RELEASE MARK 10.0 (SOURCE5) PD 14637	
B1000 SYSTEM SOFTWARE RELEASE MARK 9.1 (SOURCE5) PD 13953	
B1800/B1700 SYSTEM SOFTWARE RELEASE MARK IX.0 (SOURCE5) PD 13115	

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NAME : SOURCES  
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NUMBER	NAME	TYPE
1	SOURCE/TABS-ACCTS	COBOL68 SYMBOL
2	SOURCE/TABS-BILL	COBOL68 SYMBOL
3	SOURCE/TABS-DMS	COBOL68 SYMBOL
4	SOURCE/TABS-ERR	COBOL68 SYMBOL
5	SOURCE/TABS-EXEC	COBOL68 SYMBOL
6	SOURCE/TABS-HDWR	COBOL68 SYMBOL
7	SOURCE/TABS-LGOUT	SDL SYMBOL
8	SOURCE/TABS-MIX	COBOL68 SYMBOL
9	SOURCE/TABS-RGEN	COBOL68 SYMBOL
10	SOURCE/TABS-SUM	COBOL68 SYMBOL
11	SOURCE/TABS-UPDAT	COBOL68 SYMBOL
12	SOURCE/TAPECOPY	SDL SYMBOL
13	SOURCE/TAPESORT	SDL SYMBOL
14	SOURCE/TEXTEDITOR	DATA
<del>15</del>	<del>SOURCE/URL N/A</del>	SDL SYMBOL
16	SOURCE/WFL	SDL2 SYMEOL
17	SOURCE/WFLBASIC	SDL2 SYMEOL
18	SOURCE/WFLBOT	SDL2 SYMBOL
19	SOURCE/WFLCODE	SDL2 SYMEOL
20	SOURCE/WFLCOPY	SDL2 SYMEOL
21	SOURCE/WFLCOPYTE	SDL2 SYMBOL
22	SOURCE/WFLDECLAR	SDL2 SYMBOL
23	SOURCE/WFLERRDP	SDL2 SYMBOL
24	SOURCE/WFLEXP	SDL2 SYMBOL
25	SOURCE/WFLFAMV	SDL2 SYMBOL
26	SOURCE/WFLFILE	SDL2 SYMBOL
27	SOURCE/WFLGETTA	SDL2 SYMEOL
28	SOURCE/WFLGLOBAL	SDL2 SYMEOL
29	SOURCE/WFLINTEGER	SDL2 SYMBOL
<del>30</del>	<del>SOURCE/WFLINTRIN N/A</del>	SEQUENTIAL DATA
31	SOURCE/WFLJOB	SDL2 SYMBOL
32	SOURCE/WFLMAIN	SDL2 SYMBOL
33	SOURCE/WFLSCAN	SDL2 SYMBOL
34	SOURCE/WFLSETFA	SDL2 SYMEOL
35	SOURCE/WFLSETTA	SDL2 SYMBOL
36	SOURCE/WFLSTARTTE	SDL2 SYMBOL
37	SOURCE/WFLSTATE	SDL2 SYMEOL
38	SOURCE/WFLSTEQL	SDL2 SYMBOL
39	SOURCE/WFLSTRING	SDL2 SYMBOL
40	SOURCE/WFLTAM	SDL2 SYMEOL
41	SOURCE/WFLTAMV	SDL2 SYMEOL
42	SOURCE/WFLTASK	SDL2 SYMEOL
43	SOURCE/WFLTS	SDL2 SYMBOL
44	SOURCE/WFLVERSION	SDL2 SYMBOL
45	SOURCE/1400-IN	DATA
<del>46</del>	<del>SOURCE/1400-IEP *</del>	DATA
<del>47</del>	<del>SOURCE/1400-CREAT *</del>	DATA

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